

# **CHAMPLAIN HUDSON POWER EXPRESS**

## **PILOT TEST REMEDIAL BURIAL TOOL SUMMARY OF RESULTS**



# EXECUTIVE SUMMARY

CHPE LLC (“CHPE”) and the Hudson River Drinking Water Intermunicipal Council (“Hudson 7”) developed a set of studies, above and beyond those required by CHPE’s permits, to determine the potential impact of the Champlain Hudson Power Express project’s installation on the public water systems located within the Hudson River. One of these studies, as requested by the Hudson 7, involved the installation of a pump in the vicinity of the jet plow pre-installation trials in order to simulate conditions public water supply intakes might experience during project construction. The location of the jet plow pre-trial study was jointly selected by CHPE and the Hudson 7 after reviewing multiple potential sites to identify a site that would be appropriately representative of conditions at the Hudson 7 intakes. A pump was placed on a barge located 160 feet from the pre-installation trial, the closest point at which cable installation might occur, in order to simulate a public water supply intake. Water samples were taken the entire length of the testing location during the jet plow operation. The jet plow trial covered a distance of one-half mile and involved operating the jet plow at different rates of installation.

In 2023, CHPE identified that a Remedial Burial Tool (RBT), a self-propelled jetting tool, would be used to increase the ability of the Project to achieve the target burial depth and conducted the same testing of the RBT as had previously been performed for the simultaneous lay-and-burial jetting tool. The same protocols that were utilized for the jet plow assessment were applied to the RBT pre-installation testing which was conducted in the same location as the jet plow testing.

Prior to conducting the jet plow pump study, threshold values for the constituents of concern were defined based on recommendations by the Hudson 7, as well as those contained in the project’s Water Quality Certificate. Field and laboratory testing found that the values for turbidity, pH, total organic compounds, and volatile organics were well below the threshold levels established. Existing state guidance, including state drinking water standards, indicate that the findings for dioxine, pesticides, semi-volatile organics, metals, and PCBs are within the acceptable range of values. These results are essentially identical to those reported for the jet plow installation methodology and demonstrate that the installation technique, combined with the other protections agreed upon by CHPE, meet CHPE’s goal of taking all precautions to minimize environmental disruption and protecting community water.

## 1. INTRODUCTION

In early 2022, CHPE LLC (“CHPE”), the permittee for the Champlain Hudson Power Express project (“Project”) and the Hudson River Drinking Water Intermunicipal Council (“Hudson 7” or “Council”) initiated a series of discussions related to the potential impact of the Project construction on the five drinking water plants which relied upon water from the Hudson River. This conversation focused on the Hudson 7’s “Proposed Testing & Monitoring Protocols to Prepare for Cable Installation in the Hudson River near Drinking Water Intakes.” One area of interest was the development of studies that built upon the Article VII-required pre-installation testing of the jet plow that would be utilized to install the cables during project construction. Those studies were incorporated into a preliminary work plan (see Appendix

1). A report providing a summary of the results of the Pilot Testing portion of these protocols has previously been provided.<sup>1</sup>

In 2023, CHPE identified that a Remedial Burial Tool (RBT) jet plow would be used to increase the ability of the Project to achieve the target burial depth. The RBT works on the same principle as the jet-plow installation tool but with increased maneuverability and applications. For example, the RBT has the ability to better operate over difficult river bottom terrain (e.g., sand waves, steep slopes), and has the ability to execute tighter turns than the jet plow, thereby increasing the percentage of the route where jetting tools can be used to achieve required installation depths. It also allows for multiple passes, with each pass increasing lowered cable depth. The same protocols that were utilized for the jet plow assessment were applied to the RBT pre-installation testing.

## 2. METHODOLOGY

As the complete methodology for the study is provided in the protocols (Appendix 1), this section is intended to provide a summary for ease of review of the results.

### a. Selection of Pilot Study Location

The location of the jet plow pilot study was selected after reviewing multiple potential sites in collaboration with the Hudson 7. The original preferred location was in the vicinity of the Rhinebeck intake due to its water storage capacity but existing underwater utility infrastructure was located in this area. Similarly, testing in the vicinity of Poughkeepsie was also considered but ultimately rejected due to the same constraints. The Hudson 7 and CHPE agreed that a pump could be used to simulate the operation of a public water system intake during the jet plow operation. This approach provides a safe, reliable method for understanding the potential impacts of the jet plow without posing any potential risk to or inconveniencing the operation of a public water system.

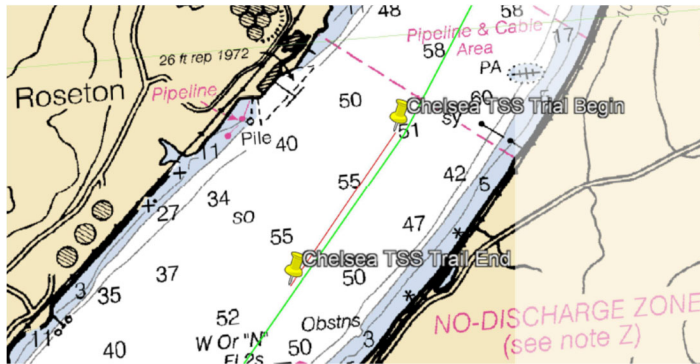
The Hudson 7 requested that the pilot test be conducted in an area where sediment samples had previously been completed and sediment conditions were similar to what would be expected at the intakes for the five water treatment plants. After reviewing multiple sites, the selected location of the test was chosen in the town of Chelsea, south of Poughkeepsie (see Figure 1). Sediment sampling had occurred as part of the Marine Route Survey completed in 2010, which would allow for a correlation between the results of this portion of the study and the Sediment Sampling being completed as a separate phase. The Hudson 7's technical consultant concurred that the available sediment would be representative of conditions at the Hudson 7 water treatment plants.

For this study, the RBT pre-installation trial was completed based on an offset of 165 feet east of the jet plow study run-line, so as to avoid any confounding effects associated utilizing the RBT in previously disturbed sediments. The depth and topography between the two run-lines were similar.

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<sup>1</sup> <https://chpexpress.com/water-testing/>

**Figure 1: Pilot Study Location**



### **b. RBT Procedures**

Asso.subsea (ASSO) transported and operated the RBT. In accordance with the protocols, the agreed-upon length of the trial would be one-half mile or 2640 feet in length. The target speeds were 300 ft/hour for the first and last 1/8 of a mile and 600 ft/hour for the middle section of the trial to reflect a maximum speed that would be higher than those planned to be utilized during actual cable installation and to use this higher speed close to the “intake” with a goal of simulating an overly conservative scenario for cable installation.

### **c. Water Quality Sampling**

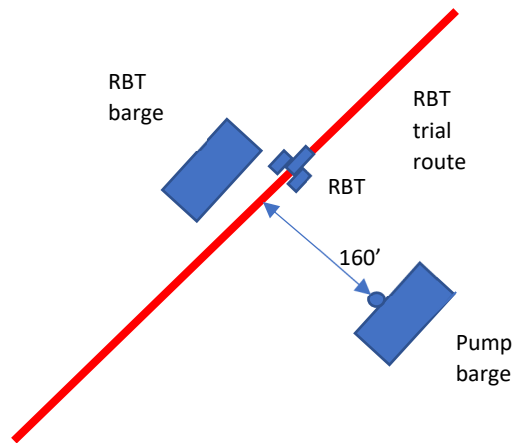
#### **In-River Sampling**

Hudson River water was collected from five locations on December 22, 2023. These five samples were collected by Aqua Survey Incorporated (“ASI”) in a small vessel situated approximately five hundred (500) feet down river from the jet plow. The first location was a quarter mile upstream of the intake pump (see below), then worked downstream to an eighth of a mile upstream, then nearest the intake pump, an eighth of a mile downstream and lastly a quarter mile downstream of the intake pump. Sampling commenced at the first upstream site just prior to the jet plow trial start. Water was collected into a clean HDPE container prior to recording readings and/or placing in laboratory-provided labeled containers. Water samples were placed in coolers on ice, transported to the ASI laboratory the same day as the trial and picked up by Alpha Analytical couriers on December 22, 2023, following chain of custody procedures.

#### **Intake Pump Sampling**

A stationary barge was located within 160-feet of the pilot trial route and mobilized a pump capable of a maximum pumping speed of 950 to 1,000 gallons per minute to simulate a H7 water intake (see Figure 2). Piping was extended to approximately four (4) feet off of the river bottom. A valve was attached to the pump so that water quality samples could be collected on the barge.

Figure 2: Representation of Pump Sampling Layout



Two tasks occurred on the barge during this trial. First, water samples were supposed to be collected for analytical analysis every 30 minutes. Water samples for the pump sampling were collected, stored, and processed in the same manner as for the In-River Sampling. For the second task, water quality readings were recorded every 15 minutes using a YSI 6920 multiparameter meter. Turbidity (NTU) and pH were the parameters recorded.

**d. Laboratory analysis**

Water samples from both the In-River and Intake Pump tasks were analyzed for total suspended solids (“TSS”) and chemical parameters. The selected parameters for testing are listed in the protocols provided in Appendix 1, including Table 1 of the 5-1.52 Tables of Subpart 5-1 of the NYCRR.

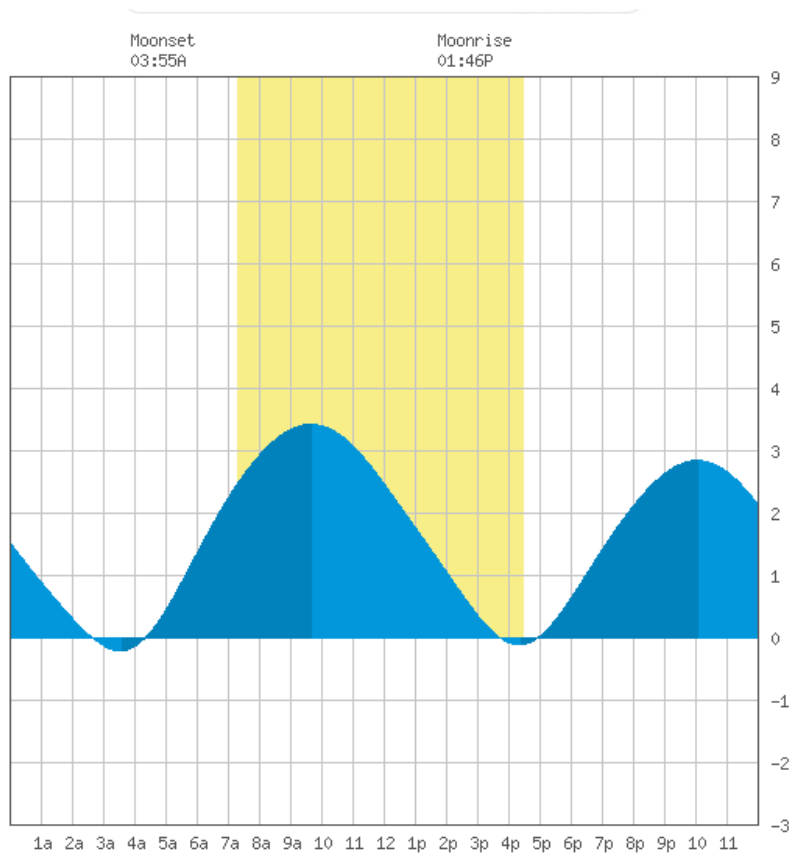
### 3. RESULTS

The following describes the work as completed.

#### a. Site Conditions

Mobilization began in early hours of December 22, 2023. Weather conditions were fair, with recorded air temperatures ranging from 32 ° F at 1345 to 18 ° F at 0545. Based on tidal charts (see Figure 3), the low tide period was at 0647 and 1902, with the high tide at 1236.

Figure 3: Tide Charts for Poughkeepsie on December 22, 2023

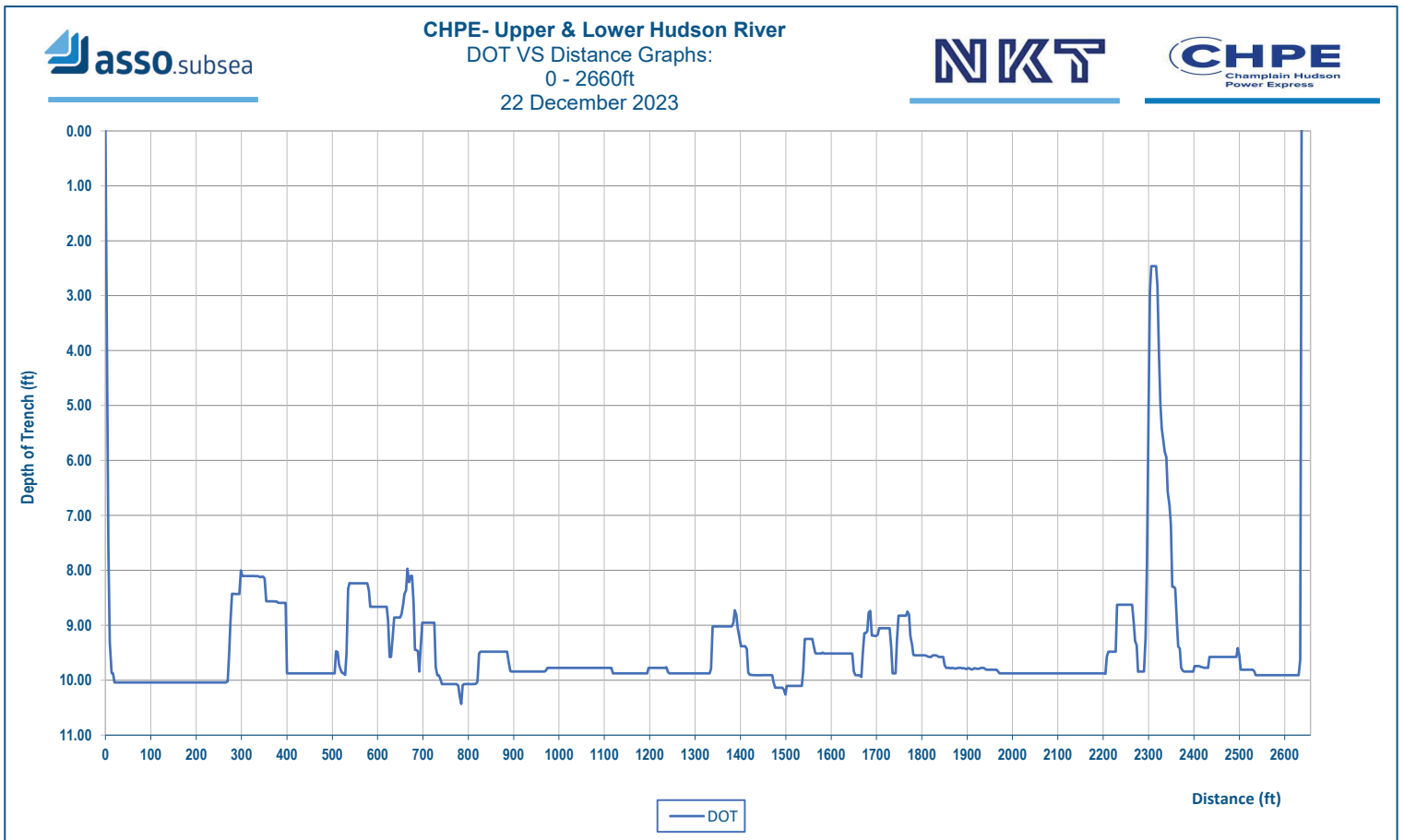


#### b. RBT Procedure

On December 22, 2023, the RBT was deployed and the jetting operations began at 0912 hours, with a RBT burial depth of approximately 7.6 feet and an average speed of approximately 270 ft/hour. At the 1/8 mile mark, the installation speed increased to approximately 600 ft/hour. For the final 1/8 mile, the speed was reduced to approximately 300 feet /hour.

A profile drawing of the installation is provided as Figure 4. The RBT swords were at or below the required depth for the entire length except around 2350 feet where an obstacle required that the swords be raised momentarily before being relowered.

Figure 4



### c. Water Quality Sampling

#### River Sampling

Hudson River water was collected from five locations on December 22, 2023 (see Table 1). The sampling locations were planned to be approximately every 1/8-mile along the RBT trial route, with the first sample being collected prior to the start of the trial approximately 500 ft north of the RBT barge. The subsequent four samples were collected once the RBT had passed each 1/8-mile increment along the trial route (traveling southward), at a distance of 500 ft away from the RBT. Figure 5 provide site plan of the sampling locations.

Table 1. In-River Sampling Locations

<b>Location</b>	<b>Date</b>	<b>Time</b>	<b>Northings</b>	<b>Eastings</b>
1/4 Mile Upstream	12/22/2023	0900	993942.5	637567.4
1/8 Mile Upstream	12/22/2023	1215	992782.4	636566.6
Nearest Intake	12/22/2023	1548	992234.1	636277.9
1/8 Mile Downstream	12/22/2023	1632	992117.8	636091.7
1/4 Mile Downstream	12/22/2023	1715	991599.7	635793.8

Figure 5: In-River Sampling Locations





## Intake Pump Sampling

Sampling was planned to start an hour before the trial started and continue for two (2) hours post trial.

Water samples to be submitted for laboratory analysis were supposed to be collected for analytical analysis every 30 minutes. However, due to the previously described issues encountered by the RBT, there were a few occasions where sampling was halted to not collect samples during RBT inactivity or reduced speeds. Table 2 provides the sampling times for the samples collected from the pump to be submitted for laboratory analysis. Table 3 provides the field-measured pH and turbidity values collected at 15-minute intervals.

Table 2. Intake Pump Water Sample Collection Times

<b>Sample ID</b>	<b>Date</b>	<b>Time</b>
IP-0-Pre Trial	12/22/23	8:00
IP-30-Pre Trial	12/22/23	8:30
IP-0-Trial	12/22/23	9:00
IP-30-Trial	12/22/23	9:30
IP-1-0-Trial	12/22/23	10:00
IP-1-30-Trial	12/22/23	10:30
IP-2-0-Trial	12/22/23	11:00
IP-2-30-Trial	12/22/23	11:30
IP-3-0-Trial	12/22/23	12:00
IP-3-30-Trial	12/22/23	12:30
IP-4-0-Trial	12/22/23	13:00
IP-4-30-Trial	12/22/23	13:30
IP-5-0-Trial	12/22/23	14:00
IP-5-30-Trial	12/22/23	14:30
IP-6-0-Trial	12/22/23	15:00
IP-6-30-Trial	12/22/23	15:30
IP-7-0-Trial	12/22/23	16:00
IP-7-30-Trial	12/22/23	16:30
IP-8-0-Trial	12/22/23	17:00
IP-0-Post-Trial*	12/22/23	17:20
IP-30-Post-Trial	12/22/23	17:50
IP-1-0-Post-Trial	12/22/23	18:20
IP-1-30-Post-Trial	12/22/23	18:50
IP-2-0-Post-Trial	12/22/23	19:20

\* = Trial route completed at 17:17

Table 3. Intake Pump Field Sampling Results

Sample ID	Date	Time	pH	Turbidity (NTU)
IP-0-Pre Trial (S)	12/22/23	8:00	7.07	179
IP-15-Pre Trial	12/22/23	8:15	7.36	181
IP-30-Pre Trial (S)	12/22/23	8:30	7.53	179
IP-45-Pre Trial	12/22/23	8:45	7.55	186
IP-0-Trial (S)	12/22/23	9:00	7.64	175
IP-15-Trial	12/22/23	9:15	7.78	164
IP-30-Trial (S)	12/22/23	9:30	7.76	174
IP-45-Trial	12/22/23	9:45	7.80	166
IP-1-0-Trial (S)	12/22/23	10:00	7.82	154
IP-1-15-Trial	12/22/23	10:15	7.82	157
IP-1-30-Trial (S)	12/22/23	10:30	7.69	159
IP-1-45-Trial	12/22/23	10:45	7.79	159
IP-2-0-Trial (S)	12/22/23	11:00	7.77	161
IP-2-15-Trial	12/22/23	11:15	7.80	158
IP-2-30-Trial (S)	12/22/23	11:30	7.76	164
IP-2-45-Trial	12/22/23	11:45	7.75	158
IP-3-0-Trial (S)	12/22/23	12:00	7.82	161
IP-3-15-Trial	12/22/23	12:15	7.83	186
IP-3-30-Trial (S)	12/22/23	12:30	7.80	181
IP-3-45-Trial	12/22/23	12:45	7.83	186
IP-4-0-Trial (S)	12/22/23	13:00	7.79	187
IP-4-15-Trial	12/22/23	13:15	7.82	193
IP-4-30-Trial (S)	12/22/23	13:30	7.81	189
IP-4-45-Trial	12/22/23	13:45	7.80	188
IP-5-0-Trial (S)	12/22/23	14:00	7.78	195
IP-5-15-Trial	12/22/23	14:15	7.77	200
IP-5-30-Trial (S)	12/22/23	14:30	7.80	213
IP-5-45-Trial	12/22/23	14:45	7.85	220
IP-6-0-Trial (S)	12/22/23	15:00	7.80	214
IP-6-15-Trial	12/22/23	15:15	7.75	214
IP-6-30-Trial (S)	12/22/23	15:30	7.79	225
IP-6-45-Trial	12/22/23	15:45	7.71	198
IP-7-0-Trial (S)	12/22/23	16:00	7.76	170
IP-7-15-Trial	12/22/23	16:15	7.86	177
IP-7-30-Trial (S)	12/22/23	16:30	7.74	184
IP-7-45-Trial	12/22/23	16:45	7.78	221
IP-8-0-Trial (S)	12/22/23	17:00	7.77	208
IP-8-15-Trial	12/22/23	17:15	7.77	209
IP-0-Post-Trial (S)*	12/22/23	17:20	7.84	204
IP-15-Post-Trial	12/22/23	17:35	7.80	205
IP-30-Post-Trial (S)	12/22/23	17:50	7.69	215
IP-45-Post-Trial	12/22/23	18:05	7.76	206
IP-1-0-Post-Trial (S)	12/22/23	18:20	7.83	204
IP-1-15-Post-Trial	12/22/23	18:35	7.83	194
IP-1-30-Post-Trial (S)	12/22/23	18:50	7.78	190
IP-1-45-Post-Trial	12/22/23	19:05	7.78	207
IP-2-0-Post-Trial (S)	12/22/23	19:20	7.81	207

#### **d. Laboratory analysis**

The analysis was performed by Alpha Analytical Laboratories. Tabulated river sampling analysis results (Alpha Analytical reports L2249449) are provided in Appendix 2 and tabulated intake pump sampling results (Alpha Analytical reports L2249449) are provided in Appendix 3. For both tabulated results, only those cases where there was a reported value for a constituent (i.e, the laboratory did not report “non-detect”) are provided for ease of review. Results of all the analytical testing can be found in Appendix 4. For reference, “MDL” stands for Method Detection Limit and is the lowest concentration that can be detected using a particular procedure. The “RL” is the Reporting Limit, which is the MDL times a safety factor selected by the laboratory to ensure day-to-day variations in the laboratory instruments are considered.

## **4. DISCUSSION**

In their original suggested protocols, the Hudson 7 identified four parameters of concern: turbidity, pH, Total Organic Carbon (“TOC”), and hydrocarbons. In addition, laboratory analysis for metals and polychlorinated biphenyls (“PCBs”), organochlorine pesticides, and dioxane was also requested. The following discussion is intended to provide a high-level summary.

As agreed with the Hudson 7 prior to the trial, special consideration was to be given to situations where the level of a contaminant during the trial exceeded background levels by a factor of 1.5 or higher. However, there are cases where the pre-trial values are “non-detect” so it is not possible to calculate this difference. A “non-detect” simply means that the compound was not detected by laboratory analysis. However, in every instance, it met the standard for finished drinking water and in all cases returned to a “non-detect” level within two hours. In short, these events are temporary and meet the standards of safe drinking water. Furthermore, CHPE will have the ability to work with water operators to shut off valves at their discretion for the very brief period when the installation is nearby to further mitigate any potential concern.

In addition, there are situations where the reported values are significantly lower than existing standards and guidance. In the tables below, CHPE is providing a “Comparison Value” to offer context for the results. Where available, the Comparison Value is the value provided in the Project’s Water Quality Certificate<sup>2</sup>. Where a contaminant is not included the Water Quality Certificate, CHPE reviewed the promulgated State of New York water quality standards<sup>3</sup>. If a value was not available in the state water quality standards, CHPE consulted the Division of Water Technical and Operational Guidance Series (1.1.1)<sup>4</sup>, which provides guidance values. As was approved in the Water Quality Certificate, the “Health (Water Source)” standard was applied if available. If not, the Fish Survival (A(A)) standard was provided due to the short-term nature of the impacts.<sup>5</sup>

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<sup>2</sup> The Water Quality Certificate was part of the Joint Proposal of Settlement agreed upon by state agencies, including the Department of Public Service, Department of Environmental Conservation, and Department of State, and non-governmental agencies including Scenic Hudson, Riverkeeper, and Trout Unlimited.

<sup>3</sup> [6](#) NYCRR Part 703 at

[https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I070d30d0b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=\(sc.Default\)](https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I070d30d0b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=(sc.Default))

<sup>4</sup> [https://www.dec.ny.gov/docs/water\\_pdf/togs111.pdf](https://www.dec.ny.gov/docs/water_pdf/togs111.pdf)

<sup>5</sup> As noted, these values are provided only for context and do not reflect any regulatory obligation.

In reviewing this material, it is important to keep in mind that the pump station has been designed to represent most restrictive conditions. The pump intake is located approximately 160 feet from the trial, which is the original separation distance for the current routing from the Poughkeepsie water treatment plant. Routing changes have been implemented to maximize separation distances, and based on the current routing, there is now a separation distance of 220 feet from the Poughkeepsie plant and the next closest distance would be the Port Ewen plant, which is approximately 660 feet from the routing. The remaining operating three water treatment plants are over 1,000 feet from the route as currently designed. In addition, the riverbed is relatively level for the locations of the jet plow trial and the pump intake. The permitted route is generally located towards the central portion of the river relative to the water treatment plant intakes, so that any suspended sediments would start at a lower elevation than the intake. When considered in this light, we believe that the results below represent a “worse case” and likely exaggerate what could be experienced at the water treatment plants.

### **Turbidity**

Turbidity was measured for samples collected from the pump at fifteen-minute intervals. As shown in Table 3, the pre-trial period turbidity values ranged from 179 to 186 NTU while those in the post-trial period ranged from 190 to 215 NTU. Turbidity readings during the RBT operation ranged from 154 to 225 NTU, with the peak value occurring six and a half hours into the trial (1530), so the installation peak did not exceed the pre-installation peak by a factor of 1.5 or greater. This finding would be consistent with modeling efforts that predicted that the majority of sediment redeposition would be within fifty (50) feet of the installation.<sup>6</sup>

### **pH**

As with turbidity, water samples were collected at the pump at fifteen-minute intervals and the results are presented in Table 3. Readings ranged from 7.07 to 7.85. There were no incidents where the pre-established standard that a change of greater than 1 would require additional consideration was triggered.

### **Total Organic Carbon**

For the river sampling, the TOC value recorded during the 1/4 mile upstream sampling event or before the RBT operation had begun was 4.16 mg/L. The values reported for the other sampling events ranged from 4.2 mg/L to 4.32 mg/L or less than the 1.5 standard.

For the pump sampling, the pre-trial TOC values ranged from 3.96 to 3.98 mg/L. The maximum TOC values during the trials were 4.61 mg/L, which is less than 1.5 of the maximum pre-trial values.

### **Dioxane**

For the river sampling, dioxane was reported for the first two sampling events but not for the following three sampling events. Similarly, the sampling events at 30 minutes before the trial began and as the trial began reported detectable levels of dioxane but there were no detectable levels after those events.

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<sup>6</sup> See the Biological Assessment completed for the Project at: <http://chpexpresseis.org/docs/library/esa/CHPE-Revised-Biological-Assessment.pdf>

## **Pesticides**

For the river sampling, there were no detectable levels of pesticides reported.

For the pump sampling, the maximum pre-trial pesticide value was 0.012 mg/L. The maximum pesticide value during the trials was 0.03 mg/L. This peak exceeded the 1.5 standard but values were non-detectable within thirty minutes of this peak.

## **Hydrocarbons**

Laboratory analysis was completed for 75 volatile organic and 68 semi-volatile organic constituents. For volatile organics, only one contaminant (1,4-Dioxane) had a detectible value for river sample. The highest reported value during the trial (0.0749 ug/L) was less than the pre-trial period value of 0.231 ug/L.

For pump sampling, pre-installation reported values for volatile organics were all “non-detect” except for acetone with a reported value of 1.8 ug/L. During installation, the highest reported value for acetone was 2.2. ug/L, which is less than a 1.5 ratio and less than the guidance value of 50 ug/L.

In terms of semi-volatile organics, for the river sampling there were fourteen contaminants whose values were above “non-detect” during the RBT operation. For all of these, the pre-installation values were “non-detect” for all but one contaminant (Benzo(a)anthracene). The State of New York currently has promulgated water quality standards<sup>7</sup> and has provided guidance values for additional constituents<sup>8</sup>. The most conservative value is provided in Table 4. The values reported for Benzo(a)pyrene, Benzo(b)fluoranthene, benzo(k)fluoranthene, and Chrysene exceeded the Comparison Value but the values for each of lowered after the RBT operation.

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<sup>7</sup> [6](#) NYCRR Part 703 at

[https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I070d30d0b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=\(sc.Default\)](https://govt.westlaw.com/nycrr/Browse/Home/NewYork/NewYorkCodesRulesandRegulations?guid=I070d30d0b5a111dda0a4e17826ebc834&originationContext=documenttoc&transitionType=Default&contextData=(sc.Default))

<sup>8</sup> [https://www.dec.ny.gov/docs/water\\_pdf/togs111.pdf](https://www.dec.ny.gov/docs/water_pdf/togs111.pdf)

Table 4. Semi-Volatile Organics with Reported Values at River Sampling

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Fluoranthene	ND	0.05	Undefined	50
Naphthalene	ND	0.03	Undefined	10
Benzo(a)anthracene	0.02	0.03	1.5	NA
Benzo(a)pyrene	ND	0.02	Undefined	0.002
Benzo(b)fluoranthene	ND	0.03	Undefined	0.002
Benzo(k)fluoranthene	ND	0.01	Undefined	0.002
Chrysene	ND	0.02	Undefined	0.002
Anthracene	ND	0.02	Undefined	50
Benzo(ghi)perylene	ND	0.02	Undefined	NA
Fluorene	ND	0.03	Undefined	50
Phenanthrene	ND	0.06	Undefined	14
Indeno(1,2,3-cd)pyrene	ND	0.02	Undefined	NA
Pyrene	ND	0.04	Undefined	50
2-Methylnaphthalene	ND	0.05	Undefined	42

For the pump sampling, there were eighteen contaminants for which values were reported during the RBT trail. As with the river sampling New York State's guidance values are provided for context and the most conservative value is provided (Table 5). The values reported for Bis(2-ethylhexyl)phthalate, Naphthalene, Benzo(a)pyrene, Benzo(b)fluoranthene, benzo(k)fluoranthene, Chrysene, and Hexachlorobenzene exceeded the Comparison Value but the values all decreased within 1.5 hours after the trials.

**Table 5. Semi-Volatile Organics with Reported Values at Pump Sampling**

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Bis(2-ethylhexyl)phthalate	ND	70	Undefined	5
Acenaphthene	ND	0.02	Undefined	20
Fluoranthene	0.03	0.04	1.33	50
Naphthalene	0.07	1.2	17.14	10
Benzo(a)anthracene	0.03	0.05	1.67	NA
Benzo(a)pyrene	ND	0.05	Undefined	0.002
Benzo(b)fluoranthene	0.02	0.08	4	0.002
Benzo(k)fluoranthene	ND	0.03	Undefined	0.002
Chrysene	ND	0.04	Undefined	0.002
Acenaphthylene	ND	0.04	Undefined	NA
Anthracene	ND	0.02	Undefined	50
Benzo(ghi)perylene	ND	0.06	Undefined	NA
Fluorene	0.02	0.05	2.5	50
Phenanthrene	0.03	0.1	3.33	14
Indeno(1,2,3-cd)pyrene	ND	0.06	Undefined	NA
Pyrene	0.02	0.03	1.5	50
2-Methylnaphthalene	0.02	0.1	5	42
Hexachlorobenzene	ND	0.03	Undefined	0.00003

## **Metals**

Laboratory analysis was completed for 14 metals per the agreed upon protocol.

For the river sampling, detectable levels were reported for the following constituents: arsenic, barium, beryllium, cadmium, chromium, iron, manganese, sodium, thallium, and zinc. The highest values during installation did not exceeded the highest background value by a factor greater than 1.5 and there were no exceedance of the Comparison Value (Table 6).

**Table 6. Metals with Reported Values at River Sampling**

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Arsenic, Total	1.04	1.26	1.21	36
Barium, Total	34.04	40.16	1.18	1000
Beryllium, Total	0.13	0.14	1.08	3
Cadmium, Total	ND	0.06	Undefined	2.7
Chromium, Total	2.12	3.11	1.47	7.7
Iron, Total	2530	3,730	1.47	300
Manganese, Total	144.5	189.2	1.31	300
Sodium, Total	11900	11300	.95	20,000
Thallium, Total	0.2	0.22	1.10	8
Zinc, Total	11.48	16.02	1.40	NA*

\*Calculated based on formula that relies upon measured hardness of water, which was unavailable.

For the pump sampling, the detectible levels were reported for same eight constituents as for the river sampling as well as mercury. For cadmium (0.06 ug/L) and mercury (0.34 ug/L), the pre-installation samples were all “non-detect” for these constituents but the highest values were lower than the corresponding Comparison Value. The reported maximum values for chromium and iron exceeded the highest background value by a factor greater than 1.5 (Table 7) but were below the Comparison Value. For the remaining contaminants, the highest value reported exceeded the highest background value by a factor less than 1.5 and were below the Comparison Value.

**Table 7. Metals with Reported Values at Pump Sampling**

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Arsenic, Total	1.14	1.54	1.35	36
Barium, Total	36.61	43.59	1.19	1000
Beryllium, Total	0.14	0.18	1.29	3
Cadmium, Total	ND	0.06	Undefined	2.7
Chromium, Total	2.32	4.38	1.89	7.7
Iron, Total	3110	4860	1.56	300
Manganese, Total	186.4	223.5	1.20	300
Mercury, Total	ND	0.34	Undefined	0.7
Sodium, Total	11700	12000	1.03	20,000
Thallium, Total	0.15	0.24	1.6	8
Zinc, Total	13.59	18.72	1.38	NA*

\* Calculated based on formula that relies upon measured hardness of water, which was unavailable.

### **Polychlorinated biphenyls**

Laboratory analysis was completed for 22 PCB congeners.

For the river sampling, there were no values for PCB congeners at the outset of the trials (1/4 mile upstream) that were above non-detect. For the fifth river sample, there was one PCB congener (C13-BZ#28)



where the value was greater than “non-detect” at 0.000541 ug/L, which is lower than Project’s Water Quality Certificate standard of 0.2 per aroclor.

For the pump sampling, there were no detectible values for PCB congeners reported during the pre-trial sampling. There were three congeners with reportable values during the trial: C13-BZ#18 (0.000646 ug/L), C13-BZ#28 (0.000895 ug/L) and C14-BZ#52 (0.000593 ug/L). It was not possible to calculate the ratios because the pre-trial sampling did not detect this constituent, but the maximum values were all lower than Project’s Water Quality Certificate standard of 0.2 per aroclor.

**Other Chemicals**

Laboratory analysis was completed for chloride, fluoride, and sulfate.

The results for river and pump sampling are provided below in Tables 8 and 9, respectively. The maximum value during the RBT trial exceeded the pre-trial levels by a factor of 1.5 or more for fluoride during the river sampling and at the pump sampling station. The values reported were below the Comparison Values.

Table 8. Other Chemicals with Reported Values at River Sampling

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Chloride	18000	17000	0.94	250,000
Fluoride	80	130	1.63	1,500
Sulfate	8800	8700	0.99	250,000

Table 9. Other Chemicals with Reported Values at Pump Sampling

	Pre-Installation Maximum Value (ug/L)	Installation Maximum Value (ug/L)	Ratio	Comparison Value (ug/L)
Chloride	18000	17000	0.94	250,000
Fluoride	70	130	1.86	1,500
Sulfate	8800	100,000	1.07	250,000

## **5. CONCLUSION**

CHPE LLC and the Hudson 7 developed a set of studies to determine the potential impact of the installation operation on the public water systems located within the Hudson River which were used for the RBT tests. Based on the guidance thresholds recommended by the Hudson 7 prior to the initiation of the study (see Appendix 1), the values for turbidity, pH, total organic compounds, and volatile organics are below the threshold levels established by the H7 and New York State. The findings for semi-volatile organics, metals, and PCBs also fall within the acceptable range of values according to existing state guidance—including state water quality standards. These results are essentially identical to those reported for the jet plow installation methodology and demonstrate that the RBT installation technique, combined with the other protections agreed upon by CHPE, meet CHPE's goal of taking all precautions to minimize environmental disruption and protecting community water.

## **Appendix 1**

# **Initial Proposed Testing & Monitoring Protocols to Prepare for Cable Installation in the Hudson River near Drinking Water Intakes**

## **Initial Proposed Testing & Monitoring Protocols to Prepare for Cable Installation in the Hudson River near Drinking Water Intakes**

In 2013, Transmission Developers Inc. (TDI) received permits for its Champlain Hudson Power Express (CHPE) project. The project would include using a "jet plow" to install the electric transmission cable in the bed of the Hudson River in the stretch of the Hudson River that includes drinking water intakes that serve over 100,000 people. Consultation with the communities and their water operators during permitting was limited to identifying the location of intakes, and pre-dated the formation of the Hudson River Drinking Water Intermunicipal Council (Hudson 7 or Council). The Council is dedicated to protecting the Hudson River as the source of drinking water for the City and Town of Poughkeepsie, the Village and Town of Rhinebeck, and the Towns of Esopus, Hyde Park, and Lloyd. These municipalities rely on five drinking water treatment plants and six intakes. Water is also distributed to residential and commercial properties in the Town of East Fishkill via the Central Dutchess Water Transmission Line.

The Council and its member communities have expressed significant concerns about the project and its permits due to the potential for contamination of drinking water supplies during the construction of the CHPE project. The permit requires TDI to develop an Environmental Management and Control Plan (EM&CP) and to conduct pilot testing of the jet plow that would be used to install the cable.

The Hudson 7 and TDI have been engaged in discussions over how to best implement this analysis given operational and safety concerns. This document outlines the pilot testing and sediment sampling protocols agreed upon by the Council and TDI. It relates to the following set of actions:

1. Sediment sampling to assess whether there are hotspots of pollution in the sediments in CHPE's route near the drinking water intakes.
2. Pilot testing with a full-scale jet plow in the vicinity of a simulated intake, with testing for an array of contaminants.

The Council and TDI agree that this data will be used to develop the EM&CP for our area. Items to be addressed in the EM&CP include robust real-time testing and requirements to halt operations if contamination occurs as well as an emergency response plan.

### **Sediment Sampling**

Prior to the development of the EM&CP, TDI will take five sediment cores along its route in the vicinity of the intakes. Samples will be collected at the location of the closest point of the proposed cables to the intake, 1/8 of a mile upstream and downstream from this point, and 1/4 of a mile upstream and downstream from this point. The distribution and density of sediment cores has been determined through consultation with Dr. Bob Chant, a consultant with expertise in pollution dispersion modeling on retainer with the Poughkeepsie Joint Water Board. The core shall be nine feet deep to obtain sediment for the entire depth of the trench plus two feet. A composite sample will be collected and processed for the upper four (4) feet of the core and a second composite sample will be collected and processed from the remaining portion of the core.

The cores should be tested for the following contaminants, which are drawn from 6 CRR-NY 361-3.9:

<b>Parameter</b>	<b>Analysis Method</b>
Dioxins	EPA 8290
Petroleum Compounds	EPA 8270
Polycyclic Aromatic Hydrocarbons (PAHs) <ul style="list-style-type: none"> <li>• Benz(a)anthracene</li> <li>• Pyrene</li> <li>• Phenanthrene</li> <li>• Naphthalene</li> </ul>	
Pesticides (4,4 DDE)	EPA 8081
Polychlorinated Biphenyls	NOAA 22 Congeners EPA Method 8270D/NOAA (8270D-SIM/680(M))
Heavy Metals <ul style="list-style-type: none"> <li>• Arsenic</li> <li>• Cadmium</li> <li>• Mercury</li> <li>• Copper</li> <li>• Lead</li> </ul>	EPA 200.7/EPA 200.8

These pollutants are known to exist in the bottom sediments of the Hudson, with unknown "Hot Spots," so samples must be taken near all intakes and at a sufficient distribution and density along the proposed route of the cable to account for the potential for contaminants mobilized by jet plowing to reach one or more intake. TDI will develop a report that will consider the values in light of the findings of the pilot testing. TDI shall present the results of the analyses in a report to the Hudson 7, Department of Public Service (DPS), Department of Environmental Conservation (DEC) Department of Health (DOH), Dutchess County Department of Behavioral & Community Health (DCDBCH), and Ulster County Health Department of Health Environmental Services (UCDOH).

## **Pilot Testing**

Pilot testing of the jet plow shall be conducted at least 6 months before the start of the preparation of the EM&CP, and results shall be presented to Hudson 7, DPS, DEC, DOH, DCDBCH, and UCDOH prior to the submission of the EM&CP. The Hudson 7 and TDI have agreed that pump will be used to simulate the operation of a public water system intake during the jet plow operation. This approach provides a safe, reliable method for understanding the potential impacts of the jet plow without posing any risk to or inconveniencing the operation of a public water system. The site for the test is in the town of Chelsea, south of Poughkeepsie. A review of available sediment and contaminant data indicates that the chosen site for the simulated intake is representative of conditions at the Hudson 7 water treatment plants.

### Study Preparation

TDI will contact the DPS, DEC, DOH, DCDBCH and UCDOH to inform them that this study is being completed. If permit is required, TDI will obtain this permit.

At least two weeks before the pilot testing, TDI will notify Hudson 7 and will provide drawings of the proposed simulated intake site.

At least one week prior to the pre-installation trial, TDI will contact the Chelsea Police Department to inform them that the study is proceeding at the Site and provide a contact number in the event there are inquiries from the public.

### Site Preparation

At least one day prior to the in-water pre-installation trials, TDI's consultants will arrive at the Site to test the system and sampling procedures. The Pump system will be run for a period of no less than two hours. TDI's consultants will also demonstrate that suitable water samples can be obtained.

The hose to be employed in the study will be inspected for damage or holes. Any defects will be field-repaired.

### In-Water Testing Protocols

The jet plow will start one-quarter mile upstream of the simulated intake and end one-quarter mile downstream of the simulated intake. The installation speed will be at least 300 ft /hour for first and last eighth (1/8) of a mile and speed of 600 ft /hour for middle quarter (1/4) of a mile, noting that plow speeds may fluctuate due to riverbed conditions.

Grab samples for the baseline values will be taken prior to installation. Grab water samples shall be taken 500 ft upstream and downstream of the jet plow and no more than three feet above the river bottom and analyzed for total suspended solids (TSS). Grab water samples will be taken at the following locations:

- One-quarter mile upstream of the intake before the jet plow starts for the baseline values
- One-eighth mile upstream of the intake
- At the closest point to the intake
- One-eighth mile downstream of the intake
- One-quarter mile downstream of the intake

Samples will be analyzed for the parameters provided in Appendix 1, which are drawn from Table 1 of the 5-1.52 Tables of Subpart 5-1 of the NYCRR as well as operator knowledge. It is understood that the methodologies employed will not be the same as those for drinking water testing due to fact that the water is unfinished.

In addition to the grab samples, re-suspended sediment (i.e., the sediment plume) associated with the trials will be monitored using the ADCP and OBS. The ADCP is mounted in a fix pole off the side of the vessel and samples the water column via acoustic pings from transducers so it's remotely sampling the entire water column, except for zones near the instrument and near the bottom. This instrument will run continuously. The OBS is integrated into a handheld profiler that is lowered from the vessel to specific depths

(approximately near-surface, mid-depth, and near bottom).

A log book will be kept during these sampling events which records the time that each sample was obtained and records its identification number.

#### Simulated Intake Testing Protocols

On the day of the trial, TDI's consultants will access the Site to prepare for the simulation exercise. The intake hose will be attached to the Pump and located approximately 160 feet from the jet plow operation.

No less than one hour prior to the initiation of the jet plow operation, TDI's consultants will activate the Pump. The flow rate will be measured and is expected to be at least 1.0 million gallons per day. The Pump will be operated for at least two hours after the TSS Trial is complete.

During operation there will be two types of sampling:

#### Field Sampling

Water will be field tested for pH and turbidity with a probe provided by Poughkeepsie Water Treatment Plant or TDI's consultants. Water samples will be obtained every 15 minutes and will be taken for at one hour before the jet plow operations begins and at least two hours after the jet plow operation has ceased.

#### Laboratory Sampling

Water samples will be obtained approximately every 30 minutes and prepared for laboratory analysis. It is expected that at least three sample will be collected for each 1/8-mile increment (3 for first 1/8 mile before simulated intake, 3 for second 1/8 mile before simulated intake, 3 for first 1/8 mile after simulated intake, 3 for second 1/8 mile after simulated intake) Samples will also be collected for at least one hour before the jet plow begins operation and at least two hours after the jet plow operation has ceased.

A log book will be kept during the two types of sampling events which records the time that each sample was obtained and records its identification number.

#### Reporting

TDI will present the results of the analyses, a description of pilot testing, and recommendations for the EM&CP to DPS, DEC, DOH, Hudson 7, DCDBCH, and UCDOH for their comments prior to the submission of the EM&CP. The report will compare baseline data to the results from field and laboratory sampling collected during the pre-installation trials. Based on the Hudson 7's recommendations, the report will particularly focus on situations where:

- Turbidity was greater than 50 NTU above baseline
- TOC was greater than 1.5 mg/L above the baseline
- pH changes by more than one unit from the baseline
- A parameter listed on Table 1 is greater than 1.5 times the baseline value

The report will draw upon other information as appropriate, including river flow data,

tidal information, and data collected as part of the pilot testing of the jet plow. The results will be compared to applicable standards, including drinking water standards.

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## **Appendix 1**

### **Select Parameters For Testing, including Table 1 of the 5-1.52 Tables of Subpart 5-1 of the NYCRR**

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<b>Table 1</b>	<b>Other</b>
Antimony	Volatile Organic Compounds – EPA 8260
Arsenic	Semi-volatile Compounds – EPA 8270
Barium	Total Organic Carbon – equivalent of SM5310 or EPA9060A
Beryllium	Pesticide – EPA 8081
Cadmium	PCBs Congeners – NOAA 22 Congeners EPA Method 8270D/NOAA (8270D-SIM/680(M))
Chromium	Total Suspended Solids
Mercury	
Selenium	
Silver	
Thallium	
Fluoride	
Chloride	
Iron	
Manganese	
Sodium	
Sulfate	
Zinc	

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**Appendix 2**  
**Tabulated Laboratory Results for River Sampling**  
**Excluding “Non-Detect” Constituents**

		SAMPLE ID:	IR-1				IR-2				IR-3				IR-4				IR-5			
		LAB ID:	L2376023-01				L2376023-02				L2376023-03				L2376023-04				L2376023-05			
		COLLECTION DATE:	12/22/2023				12/22/2023				12/22/2023				12/22/2023				12/22/2023			
		SAMPLE DEPTH:																				
		SAMPLE MATRIX:	WATER				WATER				WATER				WATER				WATER			
		NOCRIT																				
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
<b>VOLATILE ORGANICS BY GC/MS</b>																						
<b>1,4 DIOXANE BY 8270E-SIM</b>																						
1,4-Dioxane	123-91-1		0.231		0.15	0.0339	0.0749	J	0.139	0.0314	ND		0.139	0.0314	ND		0.139	0.0314	ND		0.139	0.0314
<b>SEMIVOLATILE ORGANICS BY GC/MS</b>																						
<b>SEMIVOLATILE ORGANICS BY GC/MS-SIM</b>																						
Fluoranthene	206-44-0		ND		0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02	0.05	J	0.1	0.02	0.03	J	0.1	0.02
Naphthalene	91-20-3		ND		0.1	0.05	0.3		0.1	0.05	0.1		0.1	0.05	0.25		0.1	0.05	0.08	J	0.1	0.05
Benzo(a)anthracene	56-55-3		0.02	J	0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02
Benzo(a)pyrene	50-32-8		ND		0.1	0.02	ND		0.1	0.02	ND		0.1	0.02	0.02	J	0.1	0.02	ND		0.1	0.02
Benzo(b)fluoranthene	205-99-2		ND		0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01	0.03	J	0.1	0.01	0.02	J	0.1	0.01
Benzo(k)fluoranthene	207-08-9		ND		0.1	0.01	ND		0.1	0.01	0.01	J	0.1	0.01	0.01	J	0.1	0.01	0.01	J	0.1	0.01
Chrysene	218-01-9		ND		0.1	0.01	0.01	J	0.1	0.01	0.01	J	0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Anthracene	120-12-7		ND		0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01	ND		0.1	0.01	ND		0.1	0.01
Benzo(ghi)perylene	191-24-2		ND		0.1	0.01	ND		0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01
Fluorene	86-73-7		ND		0.1	0.01	0.02	J	0.1	0.01	ND		0.1	0.01	0.03	J	0.1	0.01	ND		0.1	0.01
Phenanthrene	85-01-8		ND		0.1	0.02	0.03	J	0.1	0.02	ND		0.1	0.02	0.06	J	0.1	0.02	0.02	J	0.1	0.02
Indeno(1,2,3-cd)pyrene	193-39-5		ND		0.1	0.01	0.01	J	0.1	0.01	0.02	J	0.1	0.01	0.02	J	0.1	0.01	0.01	J	0.1	0.01
Pyrene	129-00-0		ND		0.1	0.02	0.03	J	0.1	0.02	0.03	J	0.1	0.02	0.04	J	0.1	0.02	0.03	J	0.1	0.02
2-Methylnaphthalene	91-57-6		ND		0.1	0.02	0.05	J	0.1	0.02	ND		0.1	0.02	0.04	J	0.1	0.02	ND		0.1	0.02
Total SVOCs			0.02	-	-	-	0.55	-	-	-	0.27	-	-	-	0.62	-	-	-	0.24	-	-	-
<b>ORGANOCHLORINE PESTICIDES BY GC</b>																						
<b>PCB CONGENERS (NOAA LIST)</b>																						
Cl3-BZ#28	7012-37-5		ND		0.00098	0.00049	ND		0.000971	0.000485	ND		0.000971	0.000485	ND		0.00098	0.00049	0.000541	J	0.000971	0.000485
<b>TOTAL METALS</b>																						
Arsenic, Total	7440-38-2		1.04		0.5	0.16	1.26		0.5	0.16	1.26		0.5	0.16	1.24		0.5	0.16	1.26		0.5	0.16
Barium, Total	7440-39-3		34.04		0.5	0.17	34.72		0.5	0.17	39.93		0.5	0.17	40.16		0.5	0.17	39.05		0.5	0.17
Beryllium, Total	7440-41-7		0.13	J	0.5	0.1	0.11	J	0.5	0.1	0.14	J	0.5	0.1	0.14	J	0.5	0.1	0.13	J	0.5	0.1
Cadmium, Total	7440-43-9		ND		0.2	0.05	ND		0.2	0.05	0.06	J	0.2	0.05	ND		0.2	0.05	ND		0.2	0.05
Chromium, Total	7440-47-3		2.12		1	0.17	2.63		1	0.17	3.11		1	0.17	2.53		1	0.17	2.33		1	0.17
Iron, Total	7439-89-6		2530		50	19.1	3430		50	19.1	3730		50	19.1	3390		50	19.1	3310		50	19.1
Manganese, Total	7439-96-5		144.5		1	0.44	143.9		1	0.44	186.2		1	0.44	189.2		1	0.44	160.9		1	0.44
Sodium, Total	7440-23-5		11900		100	29.3	12100		100	29.3	11100		100	29.3	11300		100	29.3	11200		100	29.3
Thallium, Total	7440-28-0		0.2	J	1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	0.22	J	1	0.14
Zinc, Total	7440-66-6		11.48		10	3.41	13.17		10	3.41	16.02		10	3.41	15.92		10	3.41	14.38		10	3.41
<b>GENERAL CHEMISTRY</b>																						
Solids, Total Suspended	NONE		100000		6500	NA	99000		6500	NA	140000		6500	NA	140000		6500	NA	120000		6500	NA
Chloride	16887-00-6		18000		1000	890	16000		1000	890	17000		1000	890	16000		1000	890	16000		1000	890
Fluoride	16984-48-8		80	J	200	10	60	J	200	10	70	J	200	10	90	J	200	10	130	J	200	10
Sulfate	14808-79-8		8800	J	10000	1400	8400	J	10000	1400	8700	J	10000	1400	8200	J	10000	1400	8700	J	10000	1400
Total Organic Carbon	7440-44-0		4160		500	97	4200		500	97	4240		500	97	4320		500	97	4250		500	97

\* Comparison is not performed on parameters with non-numeric criteria.

NOCRIT: No Criteria Report -



**Appendix 3**  
**Tabulated Laboratory Results for Pump Sampling**  
**Excluding “Non-Detect” Constituents**











**Appendix 4**  
**Laboratory Results**



## ANALYTICAL REPORT

Lab Number:	L2376023
Client:	Normandeau Associates, Inc. 600 Beach Road West Haverstraw, NY 10993
ATTN:	Mike Taylor
Phone:	(603) 637-1193
Project Name:	CHAMPLAIN HUDSON POWER EXPRESS
Project Number:	24711.001
Report Date:	01/29/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>	<b>Receive Date</b>
L2376023-01	IR-1	WATER	HUDSON RIVER	12/22/23 09:00	12/22/23
L2376023-02	IR-2	WATER	HUDSON RIVER	12/22/23 12:15	12/22/23
L2376023-03	IR-3	WATER	HUDSON RIVER	12/22/23 15:48	12/22/23
L2376023-04	IR-4	WATER	HUDSON RIVER	12/22/23 16:32	12/22/23
L2376023-05	IR-5	WATER	HUDSON RIVER	12/22/23 17:24	12/22/23

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

### Case Narrative (continued)

#### Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Semivolatile Organics

The surrogate recovery for the WG1869171-1 Method Blank, associated with L2376023-01 through -05, is below the acceptance criteria for 2-fluorophenol (6%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

The WG1869171-2/-3 LCS/LCSD recoveries, associated with L2376023-01 through -05, are below the acceptance criteria for benzidine (5%/5%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Elizabeth Porta

Title: Technical Director/Representative

Date: 01/29/24

# ORGANICS

# VOLATILES



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 15:27  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 15:49  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	103		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 09:20  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 09:46  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 10:11  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-05  
**Client ID:** IR-5  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:24  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:33  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1870129-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:33  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1870129-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:33  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1870129-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1870508-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1870508-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1870508-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1870129-3 WG1870129-4								
Methylene chloride	95		110		70-130	15		20
1,1-Dichloroethane	94		110		70-130	16		20
Chloroform	94		110		70-130	16		20
Carbon tetrachloride	85		96		63-132	12		20
1,2-Dichloropropane	94		110		70-130	16		20
Dibromochloromethane	92		100		63-130	8		20
1,1,2-Trichloroethane	92		100		70-130	8		20
Tetrachloroethene	89		100		70-130	12		20
Chlorobenzene	98		110		75-130	12		20
Trichlorofluoromethane	74		83		62-150	11		20
1,2-Dichloroethane	88		97		70-130	10		20
1,1,1-Trichloroethane	86		96		67-130	11		20
Bromodichloromethane	90		100		67-130	11		20
trans-1,3-Dichloropropene	91		100		70-130	9		20
cis-1,3-Dichloropropene	91		100		70-130	9		20
1,1-Dichloropropene	84		95		70-130	12		20
Bromoform	90		99		54-136	10		20
1,1,2,2-Tetrachloroethane	94		100		67-130	6		20
Benzene	95		110		70-130	15		20
Toluene	96		110		70-130	14		20
Ethylbenzene	95		110		70-130	15		20
Chloromethane	90		100		64-130	11		20
Bromomethane	74		84		39-139	13		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1870129-3 WG1870129-4								
Vinyl chloride	78		87		55-140	11		20
Chloroethane	85		95		55-138	11		20
1,1-Dichloroethene	86		97		61-145	12		20
trans-1,2-Dichloroethene	92		100		70-130	8		20
Trichloroethene	88		99		70-130	12		20
1,2-Dichlorobenzene	97		110		70-130	13		20
1,3-Dichlorobenzene	99		110		70-130	11		20
1,4-Dichlorobenzene	97		110		70-130	13		20
Methyl tert butyl ether	87		95		63-130	9		20
p/m-Xylene	95		110		70-130	15		20
o-Xylene	100		110		70-130	10		20
cis-1,2-Dichloroethene	96		110		70-130	14		20
Dibromomethane	94		100		70-130	6		20
1,2,3-Trichloropropane	92		100		64-130	8		20
Acrylonitrile	96		98		70-130	2		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	65		72		36-147	10		20
Acetone	84		84		58-148	0		20
Carbon disulfide	87		96		51-130	10		20
2-Butanone	82		86		63-138	5		20
Vinyl acetate	93		100		70-130	7		20
4-Methyl-2-pentanone	93		100		59-130	7		20
2-Hexanone	84		88		57-130	5		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1870129-3 WG1870129-4								
Bromochloromethane	99		110		70-130	11		20
2,2-Dichloropropane	94		100		63-133	6		20
1,2-Dibromoethane	96		100		70-130	4		20
1,3-Dichloropropane	94		100		70-130	6		20
1,1,1,2-Tetrachloroethane	92		100		64-130	8		20
Bromobenzene	99		110		70-130	11		20
n-Butylbenzene	89		100		53-136	12		20
sec-Butylbenzene	90		100		70-130	11		20
tert-Butylbenzene	91		100		70-130	9		20
o-Chlorotoluene	97		110		70-130	13		20
p-Chlorotoluene	97		110		70-130	13		20
1,2-Dibromo-3-chloropropane	96		100		41-144	4		20
Hexachlorobutadiene	85		98		63-130	14		20
Isopropylbenzene	93		110		70-130	17		20
p-Isopropyltoluene	91		100		70-130	9		20
Naphthalene	92		100		70-130	8		20
n-Propylbenzene	93		110		69-130	17		20
1,2,3-Trichlorobenzene	95		100		70-130	5		20
1,2,4-Trichlorobenzene	94		110		70-130	16		20
1,3,5-Trimethylbenzene	94		110		64-130	16		20
1,2,4-Trimethylbenzene	94		110		70-130	16		20
1,4-Dioxane	120		124		56-162	3		20
p-Diethylbenzene	90		100		70-130	11		20



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1870129-3 WG1870129-4								
p-Ethyltoluene	95		110		70-130	15		20
1,2,4,5-Tetramethylbenzene	90		100		70-130	11		20
Ethyl ether	83		93		59-134	11		20
trans-1,4-Dichloro-2-butene	89		93		70-130	4		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	96		92		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	100		99		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1870508-3 WG1870508-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	98		97		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	91		92		54-136	1		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	37	Q	36	Q	39-139	3		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1870508-3 WG1870508-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	94		93		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		92		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		98		70-130	2		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	99		97		36-147	2		20
Acetone	100		100		58-148	0		20
Carbon disulfide	99		96		51-130	3		20
2-Butanone	88		94		63-138	7		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	93		95		59-130	2		20
2-Hexanone	85		90		57-130	6		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1870508-3 WG1870508-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	96		99		70-130	3		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	83		86		41-144	4		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	88		91		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		91		70-130	6		20
1,2,4-Trichlorobenzene	94		95		70-130	1		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	92		100		56-162	8		20
p-Diethylbenzene	110		100		70-130	10		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1870508-3 WG1870508-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	87		87		59-134	0		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	98		100		70-130

# SEMIVOLATILES

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 03:16  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	60		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 08:52  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	60		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/05/24 22:52  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	0.231		ug/l	0.150	0.0339	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			39		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 03:40  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	106		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 09:08  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.30		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	106		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/05/24 23:16  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	0.0749	J	ug/l	0.139	0.0314	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 04:03  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	93		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 09:24  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.10		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	104		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 01:51  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			32		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 04:26  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	106		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	105		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 09:40  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.25		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	110		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 02:15  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 04:50  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	98		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 09:56  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	109		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 02:39  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			34		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1869171-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1869171-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1869171-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	6	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	14		10-120
4-Terphenyl-d14	58		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:49  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1869172-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.06	J	ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:49  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1869172-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	11	Q	21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	94		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 01/05/24 20:50  
Analyst: TPR

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-05 Batch: WG1869598-1					
1,4-Dioxane	ND		ug/l	0.150	0.0339

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1869171-2 WG1869171-3								
Acenaphthene	47		43		37-111	9		30
1,2,4-Trichlorobenzene	58		51		39-98	13		30
Hexachlorobenzene	62		61		40-140	2		30
Bis(2-chloroethyl)ether	47		44		40-140	7		30
2-Chloronaphthalene	58		53		40-140	9		30
1,2-Dichlorobenzene	50		45		40-140	11		30
1,3-Dichlorobenzene	48		44		40-140	9		30
1,4-Dichlorobenzene	49		45		36-97	9		30
3,3'-Dichlorobenzidine	39	Q	41		40-140	5		30
2,4-Dinitrotoluene	62		59		48-143	5		30
2,6-Dinitrotoluene	66		64		40-140	3		30
Fluoranthene	50		50		40-140	0		30
4-Chlorophenyl phenyl ether	59		56		40-140	5		30
4-Bromophenyl phenyl ether	62		62		40-140	0		30
Bis(2-chloroisopropyl)ether	35	Q	31	Q	40-140	12		30
Bis(2-chloroethoxy)methane	52		46		40-140	12		30
Hexachlorobutadiene	67		60		40-140	11		30
Hexachlorocyclopentadiene	68		61		40-140	11		30
Hexachloroethane	50		47		40-140	6		30
Isophorone	50		45		40-140	11		30
Naphthalene	53		48		40-140	10		30
Nitrobenzene	55		46		40-140	18		30
NDPA/DPA	51		52		40-140	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1869171-2 WG1869171-3								
n-Nitrosodi-n-propylamine	49		46		29-132			30
Bis(2-ethylhexyl)phthalate	47		43		40-140			30
Butyl benzyl phthalate	44		47		40-140			30
Di-n-butylphthalate	46		43		40-140			30
Di-n-octylphthalate	45		43		40-140			30
Diethyl phthalate	53		51		40-140			30
Dimethyl phthalate	60		58		40-140			30
Benzo(a)anthracene	50		48		40-140			30
Benzo(a)pyrene	53		55		40-140			30
Benzo(b)fluoranthene	51		52		40-140			30
Benzo(k)fluoranthene	49		50		40-140			30
Chrysene	52		48		40-140			30
Acenaphthylene	57		52		45-123			30
Anthracene	48		44		40-140			30
Benzo(ghi)perylene	55		51		40-140			30
Fluorene	51		50		40-140			30
Phenanthrene	48		43		40-140			30
Dibenzo(a,h)anthracene	55		52		40-140			30
Indeno(1,2,3-cd)pyrene	55		49		40-140			30
Pyrene	49		51		26-127			30
Biphenyl	55		52		40-140			30
4-Chloroaniline	52		46		40-140			30
2-Nitroaniline	66		64		52-143			30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1869171-2 WG1869171-3								
3-Nitroaniline	51		49		25-145	4		30
4-Nitroaniline	51		51		51-143	0		30
Dibenzofuran	52		49		40-140	6		30
2-Methylnaphthalene	57		53		40-140	7		30
1,2,4,5-Tetrachlorobenzene	67		61		2-134	9		30
Acetophenone	51		46		39-129	10		30
2,4,6-Trichlorophenol	68		66		30-130	3		30
p-Chloro-m-cresol	58		56		23-97	4		30
2-Chlorophenol	51		45		27-123	13		30
2,4-Dichlorophenol	58		52		30-130	11		30
2,4-Dimethylphenol	41		38		30-130	8		30
2-Nitrophenol	66		61		30-130	8		30
4-Nitrophenol	51		51		10-80	0		30
2,4-Dinitrophenol	81		75		20-130	8		30
4,6-Dinitro-o-cresol	84		87		20-164	4		30
Pentachlorophenol	62		71		9-103	14		30
Phenol	36		33		12-110	9		30
2-Methylphenol	46		43		30-130	7		30
3-Methylphenol/4-Methylphenol	52		46		30-130	12		30
2,4,5-Trichlorophenol	69		68		30-130	1		30
Benzoic Acid	65		52		10-164	22		30
Benzyl Alcohol	52		45		26-116	14		30
Carbazole	47	Q	44	Q	55-144	7		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1869171-2 WG1869171-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	49		44		21-120
Phenol-d6	43		35		10-120
Nitrobenzene-d5	58		54		23-120
2-Fluorobiphenyl	65		60		15-120
2,4,6-Tribromophenol	72		75		10-120
4-Terphenyl-d14	56		57		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1869172-2 WG1869172-3								
Acenaphthene	50		48		40-140	4		40
2-Chloronaphthalene	52		48		40-140	8		40
Fluoranthene	56		54		40-140	4		40
Hexachlorobutadiene	46		42		40-140	9		40
Naphthalene	51		46		40-140	10		40
Benzo(a)anthracene	57		55		40-140	4		40
Benzo(a)pyrene	61		59		40-140	3		40
Benzo(b)fluoranthene	63		61		40-140	3		40
Benzo(k)fluoranthene	58		55		40-140	5		40
Chrysene	53		51		40-140	4		40
Acenaphthylene	59		56		40-140	5		40
Anthracene	57		56		40-140	2		40
Benzo(ghi)perylene	57		56		40-140	2		40
Fluorene	53		51		40-140	4		40
Phenanthrene	52		51		40-140	2		40
Dibenzo(a,h)anthracene	61		59		40-140	3		40
Indeno(1,2,3-cd)pyrene	57		56		40-140	2		40
Pyrene	55		53		40-140	4		40
2-Methylnaphthalene	53		50		40-140	6		40
Pentachlorophenol	59		58		40-140	2		40
Hexachlorobenzene	48		47		40-140	2		40
Hexachloroethane	50		46		40-140	8		40

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1869172-2 WG1869172-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	55		49		21-120
Phenol-d6	48		43		10-120
Nitrobenzene-d5	71		66		23-120
2-Fluorobiphenyl	58		53		15-120
2,4,6-Tribromophenol	63		60		10-120
4-Terphenyl-d14	56		54		41-149

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01-05 Batch: WG1869598-2 WG1869598-3								
1,4-Dioxane	122		122		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	45		44		15-110

# PCBS

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 14:11  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	ND		ng/l	0.980	0.490	1
CI3-BZ#28	ND		ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	59		50-125
BZ 198	62		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 14:39  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	69		50-125
BZ 198	76		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 15:06  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	58		50-125
BZ 198	69		50-125



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 15:34  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	ND		ng/l	0.980	0.490	1
CI3-BZ#28	ND		ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	58		50-125
BZ 198	76		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 16:01  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	0.541	J	ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	52		50-125
BZ 198	52		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 105,8270E-SIM/680(M)  
Analytical Date: 01/19/24 09:11  
Analyst: DB

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL
PCB Congeners (NOAA List) - Mansfield Lab for sample(s): 01-05 Batch: WG1869548-1					
CI2-BZ#8	ND		ng/l	1.00	0.500
CI3-BZ#18	ND		ng/l	1.00	0.500
CI3-BZ#28	ND		ng/l	1.00	0.500
CI4-BZ#44	ND		ng/l	1.00	0.500
CI4-BZ#49	ND		ng/l	1.00	0.500
CI4-BZ#52	ND		ng/l	1.00	0.500
CI4-BZ#66	ND		ng/l	1.00	0.500
CI5-BZ#87	ND		ng/l	1.00	0.500
CI5-BZ#101	ND		ng/l	1.00	0.500
CI5-BZ#105	ND		ng/l	1.00	0.500
CI5-BZ#118	ND		ng/l	1.00	0.500
CI6-BZ#128	ND		ng/l	1.00	0.500
CI6-BZ#138	ND		ng/l	1.00	0.500
CI6-BZ#153	ND		ng/l	1.00	0.500
CI7-BZ#170	ND		ng/l	1.00	0.500
CI7-BZ#180	ND		ng/l	1.00	0.500
CI7-BZ#183	ND		ng/l	1.00	0.500
CI7-BZ#184	ND		ng/l	1.00	0.500
CI7-BZ#187	ND		ng/l	1.00	0.500
CI8-BZ#195	ND		ng/l	1.00	0.500
CI9-BZ#206	ND		ng/l	1.00	0.500
CI10-BZ#209	ND		ng/l	1.00	0.500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
DBOB	70		50-125
BZ 198	98		50-125



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 01-05 Batch: WG1869548-2 WG1869548-3								
Cl2-BZ#8	65		63		40-140	3		30
Cl3-BZ#18	56		54		40-140	4		30
Cl3-BZ#28	68		68		40-140	0		30
Cl4-BZ#44	74		73		40-140	1		30
Cl4-BZ#49	69		64		40-140	8		30
Cl4-BZ#52	62		61		40-140	2		30
Cl4-BZ#66	75		78		40-140	4		30
Cl5-BZ#87	73		76		40-140	4		30
Cl5-BZ#101	70		73		40-140	4		30
Cl5-BZ#105	74		80		40-140	8		30
Cl5-BZ#118	73		79		40-140	8		30
Cl6-BZ#128	77		80		40-140	4		30
Cl6-BZ#138	74		80		40-140	8		30
Cl6-BZ#153	74		83		40-140	11		30
Cl7-BZ#170	73		83		40-140	13		30
Cl7-BZ#180	67		76		40-140	13		30
Cl7-BZ#183	71		81		40-140	13		30
Cl7-BZ#184	70		81		40-140	15		30
Cl7-BZ#187	78		86		40-140	10		30
Cl8-BZ#195	75		89		40-140	17		30
Cl9-BZ#206	65		79		40-140	19		30
Cl10-BZ#209	63		80		40-140	24		30

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 01-05 Batch: WG1869548-2 WG1869548-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
DBOB	56		64		50-125
BZ 198	76		84		50-125

# PESTICIDES

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 19:57  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-01  
 Client ID: IR-1  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	92		30-150	B



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 20:09  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-02  
 Client ID: IR-2  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:15  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	89		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 20:22  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-03  
 Client ID: IR-3  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:48  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 20:34  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-04  
 Client ID: IR-4  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:32  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	88		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 20:47  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

Lab ID: L2376023-05  
 Client ID: IR-5  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:24  
 Date Received: 12/22/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	81		30-150	B



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B  
Analytical Date: 12/29/23 19:20  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1869146-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/29/23 19:20  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1869146-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	113		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1869146-2 WG1869146-3									
Delta-BHC	75		82		30-150	9		20	A
Lindane	74		81		30-150	9		20	A
Alpha-BHC	77		83		30-150	8		20	A
Beta-BHC	88		95		30-150	7		20	A
Heptachlor	83		92		30-150	10		20	A
Aldrin	70		77		30-150	10		20	A
Heptachlor epoxide	82		90		30-150	10		20	A
Endrin	75		82		30-150	10		20	A
Endrin aldehyde	67		73		30-150	9		20	A
Endrin ketone	82		88		30-150	7		20	A
Dieldrin	80		87		30-150	9		20	A
4,4'-DDE	71		79		30-150	11		20	A
4,4'-DDD	80		87		30-150	8		20	A
4,4'-DDT	78		83		30-150	7		20	A
Endosulfan I	80		88		30-150	10		20	A
Endosulfan II	76		82		30-150	7		20	A
Endosulfan sulfate	71		77		30-150	8		20	A
Methoxychlor	99		109		30-150	9		20	A
cis-Chlordane	77		84		30-150	9		20	A
trans-Chlordane	78		86		30-150	9		20	A

## Lab Control Sample Analysis

Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1869146-2 WG1869146-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	B
Decachlorobiphenyl	92		93		30-150	B

## METALS

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-01

Date Collected: 12/22/23 09:00

Client ID: IR-1

Date Received: 12/22/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00104		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Barium, Total	0.03404		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00212		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Iron, Total	2.53		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1445		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 19:59	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Sodium, Total	11.9		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00020	J	mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01148		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 14:57	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-02

Date Collected: 12/22/23 12:15

Client ID: IR-2

Date Received: 12/22/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00126		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Barium, Total	0.03472		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00011	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00263		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Iron, Total	3.43		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1439		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 19:32	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Sodium, Total	12.1		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01317		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:02	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-03

Date Collected: 12/22/23 15:48

Client ID: IR-3

Date Received: 12/22/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00126		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Barium, Total	0.03993		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00311		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Iron, Total	3.73		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1862		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:02	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Sodium, Total	11.1		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01602		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:06	EPA 3005A	1,6020B	EJF





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-04

Date Collected: 12/22/23 16:32

Client ID: IR-4

Date Received: 12/22/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00124		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Barium, Total	0.04016		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00253		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Iron, Total	3.39		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1892		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:06	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Sodium, Total	11.3		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01592		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:11	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**SAMPLE RESULTS**

Lab ID: L2376023-05

Date Collected: 12/22/23 17:24

Client ID: IR-5

Date Received: 12/22/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00126		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Barium, Total	0.03905		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00233		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Iron, Total	3.31		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1609		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:09	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Sodium, Total	11.2		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00022	J	mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01438		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:30	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

## Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1870142-1									
Antimony, Total	ND	mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF

### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1870144-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 19:25	1,7470A	GMG

### Prep Information

Digestion Method: EPA 7470A

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1870142-2								
Antimony, Total	92		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Iron, Total	111		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Zinc, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1870144-2								
Mercury, Total	97		-		80-120	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05    QC Batch ID: WG1870142-3    QC Sample: L2376023-01    Client ID: IR-1												
Antimony, Total	ND	0.5	0.4942	99		-	-		75-125	-		20
Arsenic, Total	0.00104	0.12	0.1155	95		-	-		75-125	-		20
Barium, Total	0.03404	2	2.146	106		-	-		75-125	-		20
Beryllium, Total	0.00013J	0.05	0.05398	108		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05512	104		-	-		75-125	-		20
Chromium, Total	0.00212	0.2	0.2100	104		-	-		75-125	-		20
Iron, Total	2.53	1	3.72	119		-	-		75-125	-		20
Manganese, Total	0.1445	0.5	0.6518	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.116	97		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05382	108		-	-		75-125	-		20
Sodium, Total	11.9	10	21.7	98		-	-		75-125	-		20
Thallium, Total	0.00020J	0.12	0.1196	100		-	-		75-125	-		20
Zinc, Total	0.01148	0.5	0.5249	103		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05    QC Batch ID: WG1870144-3    QC Sample: L2376023-02    Client ID: IR-2												
Mercury, Total	ND	0.005	0.00523	105		-	-		75-125	-		20

## Lab Duplicate Analysis

*Batch Quality Control*

Project Name: CHAMPLAIN HUDSON POWER EXPRESS

Project Number: 24711.001

Lab Number: L2376023

Report Date: 01/29/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
<b>Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1870142-4 QC Sample: L2376023-01 Client ID: IR-1</b>						
Antimony, Total	ND	0.00054J	mg/l	NC		20
Arsenic, Total	0.00104	0.00112	mg/l	7		20
Barium, Total	0.03404	0.03402	mg/l	0		20
Beryllium, Total	0.00013J	0.00012J	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00212	0.00247	mg/l	15		20
Iron, Total	2.53	3.04	mg/l	18		20
Manganese, Total	0.1445	0.1457	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	11.9	11.7	mg/l	2		20
Thallium, Total	0.00020J	0.00058J	mg/l	NC		20
Zinc, Total	0.01148	0.01228	mg/l	7		20
<b>Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1870144-4 QC Sample: L2376023-02 Client ID: IR-2</b>						
Mercury, Total	ND	ND	mg/l	NC		20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-01  
**Client ID:** IR-1  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 09:00  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	100		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	18.		mg/l	1.0	0.89	1	-	01/03/24 12:14	121,4500CL-E	MRM
Fluoride	0.08	J	mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
Sulfate	8.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	4.16		mg/l	0.500	0.097	1	-	01/02/24 04:22	121,5310C	DEW





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-02  
**Client ID:** IR-2  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 12:15  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	99.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 21:08	121,4500CL-E	TLH
Fluoride	0.06	J	mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
Sulfate	8.4	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	4.20		mg/l	0.500	0.097	1	-	01/02/24 04:46	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-03  
**Client ID:** IR-3  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 15:48  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:27	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
Sulfate	8.7	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	4.24		mg/l	0.500	0.097	1	-	01/02/24 05:09	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-04  
**Client ID:** IR-4  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 16:32  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/11/24 21:00	121,4500CL-E	TLH
Fluoride	0.09	J	mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
Sulfate	8.2	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	4.32		mg/l	0.500	0.097	1	-	01/02/24 05:33	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**SAMPLE RESULTS**

**Lab ID:** L2376023-05  
**Client ID:** IR-5  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:24  
**Date Received:** 12/22/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	120		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/11/24 21:01	121,4500CL-E	TLH
Fluoride	0.13	J	mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
Sulfate	8.7	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	4.25		mg/l	0.500	0.097	1	-	01/02/24 05:56	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRI  
**Project Number:** 24711.001

**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1868897-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	12/28/23 07:29	121,2540D	MRS
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1869949-1										
Total Organic Carbon	0.110	J	mg/l	0.500	0.097	1	-	01/02/24 03:33	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1870517-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/03/24 11:54	121,4500CL-E	MRM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1871076-1										
Sulfate	1.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1871779-1										
Fluoride	ND		mg/l	0.20	0.01	1	01/07/24 10:15	01/07/24 13:00	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1872076-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/08/24 19:44	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 03-05 Batch: WG1873365-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/11/24 20:55	121,4500CL-E	TLH

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1868897-2								
Solids, Total Suspended	92		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1869949-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1870517-2								
Chloride	93		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1871076-2								
Sulfate	95		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1871779-2								
Fluoride	98		-		78-120	-		
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1872076-2								
Chloride	97		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 03-05 Batch: WG1873365-2								
Chloride	97		-		90-110	-		

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376023

**Project Number:** 24711.001

**Report Date:** 01/29/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1869949-4 QC Sample: L2376103-11 Client ID: MS Sample												
Total Organic Carbon	4.24	16	20.8	103	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1869949-6 QC Sample: L2376103-12 Client ID: MS Sample												
Total Organic Carbon	4.28	16	21.4	107	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1870517-4 QC Sample: L2376023-01 Client ID: IR-1												
Chloride	18.	20	39	105	-	-	-	-	58-140	-	-	7
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871076-4 QC Sample: L2376103-01 Client ID: MS Sample												
Sulfate	8.8J	40	47	118	-	-	-	-	55-147	-	-	14
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871779-4 QC Sample: L2376023-05 Client ID: IR-5												
Fluoride	0.13J	1	1.1	112	-	-	-	-	69-124	-	-	13
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1872076-4 QC Sample: L2376103-03 Client ID: MS Sample												
Chloride	16.	20	38	110	-	-	-	-	58-140	-	-	7
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG1873365-4 QC Sample: L2376103-11 Client ID: MS Sample												
Chloride	17.	20	38	105	-	-	-	-	58-140	-	-	7

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Project Number:** 24711.001

**Lab Number:** L2376023

**Report Date:** 01/29/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1868897-3 QC Sample: L2376022-19 Client ID: DUP Sample						
Solids, Total Suspended	97.	96	mg/l	1		32
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1868897-4 QC Sample: L2376022-20 Client ID: DUP Sample						
Solids, Total Suspended	110	110	mg/l	0		32
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1869949-3 QC Sample: L2376103-11 Client ID: DUP Sample						
Total Organic Carbon	4.24	4.46	mg/l	5		15
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1869949-5 QC Sample: L2376103-12 Client ID: DUP Sample						
Total Organic Carbon	4.28	4.53	mg/l	6		15
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1870517-3 QC Sample: L2376023-01 Client ID: IR-1						
Chloride	18.	18	mg/l	0		7
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871076-3 QC Sample: L2376103-01 Client ID: DUP Sample						
Sulfate	8.8J	8.6J	mg/l	NC		14
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871779-3 QC Sample: L2376023-05 Client ID: IR-5						
Fluoride	0.13J	0.12J	mg/l	NC		13
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1872076-3 QC Sample: L2376103-03 Client ID: DUP Sample						
Chloride	16.	16	mg/l	0		7
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG1873365-3 QC Sample: L2376103-11 Client ID: DUP Sample						
Chloride	17.	16	mg/l	6		7



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent
L	Absent
M	Absent
N	Absent
O	Absent
P	Absent
Q	Absent
R	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376023-01A	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-01B	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-01C	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-01D	Vial H2SO4 preserved	F	NA		5.7	Y	Absent		TOC-5310(28)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:** 01292417:59  
**Lab Number:** L2376023  
**Report Date:** 01/29/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376023-01E	Vial H2SO4 preserved	F	NA		5.7	Y	Absent		TOC-5310(28)
L2376023-01F	Plastic 250ml HNO3 preserved	F	<2	<2	5.7	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2376023-01G	Plastic 500ml unpreserved	F	7	7	5.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376023-01H	Plastic 950ml unpreserved	F	7	7	5.7	Y	Absent		TSS-2540(7)
L2376023-01I	Amber 120ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2376023-01J	Amber 120ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2376023-01K	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-01L	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-01M	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-01N	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-01O	Amber 1000ml unpreserved	F	7	7	5.7	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-01P	Amber 1000ml unpreserved	F	7	7	5.7	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-02A	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-02B	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-02C	Vial HCl preserved	F	NA		5.7	Y	Absent		NYTCL-8260(14)
L2376023-02D	Vial H2SO4 preserved	F	NA		5.7	Y	Absent		TOC-5310(28)
L2376023-02E	Vial H2SO4 preserved	F	NA		5.7	Y	Absent		TOC-5310(28)
L2376023-02F	Plastic 250ml HNO3 preserved	F	<2	<2	5.7	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376023-02G	Plastic 500ml unpreserved	F	7	7	5.7	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376023-02H	Plastic 950ml unpreserved	F	7	7	5.7	Y	Absent		TSS-2540(7)
L2376023-02I	Amber 120ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2376023-02J	Amber 120ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8081(7)
L2376023-02K	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376023-02L	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-02M	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-02N	Amber 250ml unpreserved	F	7	7	5.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-02O	Amber 1000ml unpreserved	F	7	7	5.7	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-02P	Amber 1000ml unpreserved	F	7	7	5.7	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-03A	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-03B	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-03C	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-03D	Vial H2SO4 preserved	J	NA		3.3	Y	Absent		TOC-5310(28)
L2376023-03E	Vial H2SO4 preserved	J	NA		3.3	Y	Absent		TOC-5310(28)
L2376023-03F	Plastic 250ml HNO3 preserved	J	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376023-03G	Plastic 500ml unpreserved	J	7	7	3.3	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376023-03H	Plastic 950ml unpreserved	J	7	7	3.3	Y	Absent		TSS-2540(7)
L2376023-03I	Amber 120ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2376023-03J	Amber 120ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2376023-03K	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-03L	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-03M	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-03N	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-03O	Amber 1000ml unpreserved	J	7	7	3.3	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-03P	Amber 1000ml unpreserved	J	7	7	3.3	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-04A	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-04B	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-04C	Vial HCl preserved	J	NA		3.3	Y	Absent		NYTCL-8260(14)
L2376023-04D	Vial H2SO4 preserved	J	NA		3.3	Y	Absent		TOC-5310(28)
L2376023-04E	Vial H2SO4 preserved	J	NA		3.3	Y	Absent		TOC-5310(28)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
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**Serial\_No:** 01292417:59  
**Lab Number:** L2376023  
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**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376023-04F	Plastic 250ml HNO3 preserved	J	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2376023-04G	Plastic 500ml unpreserved	J	7	7	3.3	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376023-04H	Plastic 950ml unpreserved	J	7	7	3.3	Y	Absent		TSS-2540(7)
L2376023-04I	Amber 120ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2376023-04J	Amber 120ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8081(7)
L2376023-04K	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-04L	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-04M	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-04N	Amber 250ml unpreserved	J	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-04O	Amber 1000ml unpreserved	J	7	7	3.3	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-04P	Amber 1000ml unpreserved	J	7	7	3.3	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-05A	Vial HCl preserved	N	NA		2.8	Y	Absent		NYTCL-8260(14)
L2376023-05B	Vial HCl preserved	N	NA		2.8	Y	Absent		NYTCL-8260(14)
L2376023-05C	Vial HCl preserved	N	NA		2.8	Y	Absent		NYTCL-8260(14)
L2376023-05D	Vial H2SO4 preserved	N	NA		2.8	Y	Absent		TOC-5310(28)
L2376023-05E	Vial H2SO4 preserved	N	NA		2.8	Y	Absent		TOC-5310(28)
L2376023-05F	Plastic 250ml HNO3 preserved	N	<2	<2	2.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376023-05G	Plastic 500ml unpreserved	N	7	7	2.8	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376023-05H	Plastic 950ml unpreserved	N	7	7	2.8	Y	Absent		TSS-2540(7)
L2376023-05I	Amber 120ml unpreserved	N	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2376023-05J	Amber 120ml unpreserved	N	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2376023-05K	Amber 250ml unpreserved	N	7	7	2.8	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376023-05L	Amber 250ml unpreserved	N	7	7	2.8	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Project Number:** 24711.001

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**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376023-05M	Amber 250ml unpreserved	N	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-05N	Amber 250ml unpreserved	N	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376023-05O	Amber 1000ml unpreserved	N	7	7	2.8	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376023-05P	Amber 1000ml unpreserved	N	7	7	2.8	Y	Absent		A2-PCBCONG-8270-NOAA(7)

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## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376023**Project Number:** 24711.001**Report Date:** 01/29/24**Footnotes**

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

**Terms**

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

**Data Qualifiers**

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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#### Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)



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## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 105 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997 in conjunction with NOAA Technical Memorandum NMFS-NWFSC-59: Extraction, Cleanup and GC/MS Analysis of Sediments and Tissues for Organic Contaminants, March 2004 and the Determination of Pesticides and PCBs in Water and Oil/Sediment by GC/MS: Method 680, EPA 01A0005295, November 1985.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



# CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3288

### Project Information

Project Name: Champlain Hudson Power Express  
Project Location: Hudson River  
Project #: 24711.001  
Project Manager: Mike Taylor  
ALPHA Quote #: Q19745\_R3\_FINAL

Date Rec'd in Lab: 12/23/23

ALPHA Job #: L2376023

### Report Information - Data Deliverables

FAX  EMAIL (PDF/EDD)  
 ADEx  Add'l Deliverables

### Billing Information

Same as Client info PO #:

### Client Information

Client: Normandeau Associates  
Address: 25 Nashua Road  
Bedford, NH 03110  
Phone: 603-319-5013  
Fax:  
Email: mtaylor@normandeau.com  
 These samples have been previously analyzed by Alpha

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved!)  
Date Due: Time:

### Regulatory Requirements/Report Limits

State /Fed Program Criteria  
Other

### Other Project Specific Requirements/Comments/Detection Limits:

Hudson River - CHPE TSS Trials - IR CHEM

Total Metals: Ag, As, Ba, Be, Cd, Cr, Fe, Hg, Mn, Na, Sb, Se, Ti, Zn  
(EPA 6020B, Hg by EPA 7470A)

ANALYSIS	NYTCL-8081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8260	TOC	TOTAL # BOTTLES
	SAMPLE HANDLING										
	Filtration _____										
	<input type="checkbox"/> Done										
	<input type="checkbox"/> Not needed										
	<input checked="" type="checkbox"/> Lab to do										
	Preservation										
	<input type="checkbox"/> Lab to do										
	(Please specify below)										
	Sample Specific Comments										

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			NYTCL-8081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8260	TOC		
76023-01	IR-1	12/22/23	0900	L	EB	2	2	2	2	1	1	1	3	2	Lab Filter	16	
02	IR-2	↓	1215	↓	↓	2	2	2	2	1	1	1	3	2		16	
03	IR-3	↓	1548	↓	↓	2	2	2	2	1	1	1	3	2		16	
04	IR-4 (16:32)	↓	1632	↓	↓	2	2	2	2	1	1	1	3	2		16	
05	IR-5	↓	1724	↓	↓	2	2	2	2	1	1	1	3	2		16	

Container Type	A	A	A	A	P	P	P	P	V	V
Preservative	A	A	A	A	A	A	A	C	B	D

Relinquished By: *Emmanuel Green* Date/Time: 12/22/23 1811  
 Received By: *Anthony Green* Date/Time: 12/22/23 1811  
*Anthony Green* 12/22/23 2114  
 12/22/23 2345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



## ANALYTICAL REPORT

Lab Number:	L2376103
Client:	Normandeau Associates, Inc. 600 Beach Road West Haverstraw, NY 10993
ATTN:	Mike Taylor
Phone:	(603) 637-1193
Project Name:	CHAMPLAIN HUDSON POWER EXPRESS
Project Number:	24711.001
Report Date:	01/31/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



Project Name: CHAMPLAIN HUDSON POWER EXPRESS

Project Number: 24711.001

Lab Number: L2376103

Report Date: 01/31/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2376103-01	PUMP 11/IP-0 PRE TRIAL	WATER	HUDSON RIVER	12/22/23 08:00	12/26/23
L2376103-02	PUMP 12 IP-30 PRE	WATER	HUDSON RIVER	12/22/23 08:30	12/26/23
L2376103-03	PUMP 13 IP-0 TRIAL	WATER	HUDSON RIVER	12/22/23 09:00	12/26/23
L2376103-04	PUMP 14 IP-30	WATER	HUDSON RIVER	12/22/23 09:30	12/26/23
L2376103-05	PUMP 15 IP-1-0	WATER	HUDSON RIVER	12/22/23 10:00	12/26/23
L2376103-06	PUMP 16 IP-1-30	WATER	HUDSON RIVER	12/22/23 10:30	12/26/23
L2376103-07	PUMP 17 IP-2-0	WATER	HUDSON RIVER	12/22/23 11:00	12/26/23
L2376103-08	PUMP 18 IP-2-30	WATER	HUDSON RIVER	12/22/23 11:30	12/26/23
L2376103-09	PUMP 19 IP-3-0	WATER	HUDSON RIVER	12/22/23 12:00	12/26/23
L2376103-10	PUMP 20 IP-3-30	WATER	HUDSON RIVER	12/22/23 12:30	12/26/23
L2376103-11	PUMP 21 IP-4-0	WATER	HUDSON RIVER	12/22/23 13:00	12/26/23
L2376103-12	PUMP 22 IP-4-30	WATER	HUDSON RIVER	12/22/23 13:30	12/26/23
L2376103-13	PUMP 23 IP-5-0	WATER	HUDSON RIVER	12/22/23 14:00	12/26/23
L2376103-14	PUMP 24 IP-5-30	WATER	HUDSON RIVER	12/22/23 14:30	12/26/23
L2376103-15	PUMP 25 IP-6-0	WATER	HUDSON RIVER	12/22/23 15:00	12/26/23
L2376103-16	PUMP 26 IP-6-30	WATER	HUDSON RIVER	12/22/23 15:30	12/26/23
L2376103-17	PUMP 27 IP-7-0	WATER	HUDSON RIVER	12/22/23 16:00	12/26/23
L2376103-18	PUMP 28 IP-7-30	WATER	HUDSON RIVER	12/22/23 16:30	12/26/23
L2376103-19	PUMP 29 IP-8-0	WATER	HUDSON RIVER	12/22/23 17:00	12/26/23
L2376103-20	PUMP 30 IP-0-POST	WATER	HUDSON RIVER	12/22/23 17:20	12/26/23
L2376103-21	PUMP 31 IP-30-POST	WATER	HUDSON RIVER	12/22/23 17:50	12/26/23
L2376103-22	PUMP 32 IP-1-0-POST	WATER	HUDSON RIVER	12/22/23 18:20	12/26/23
L2376103-23	PUMP 33 IP-1-30-POST	WATER	HUDSON RIVER	12/22/23 18:50	12/26/23
L2376103-24	PUMP 34 IP-2-0-POST	WATER	HUDSON RIVER	12/22/23 19:20	12/26/23

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

---

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Case Narrative (continued)

#### Report Submission

January 31, 2024: This is a final report.

January 9 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Semivolatile Organics

The surrogate recoveries for the WG1869171-1 Method Blank, associated with L2376103-08, -09, -10, -11, -12, -13, -14, -15, -16, -18, -19, -20, -21, -22, -23, and -24, is below the acceptance criteria for 2-fluorophenol (6%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

#### Semivolatile Organics by SIM


The WG1868944-1 Method Blank, associated with L2376103-01, -02, -05, -07, -08, and -09, has a concentration above the reporting limit for Naphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

#### Total Metals

The WG1870634-1 Method Blank, associated with L2376103-06 through -20, has a concentration above the reporting limit for barium and manganese. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Elizabeth Porta

Title: Technical Director/Representative

Date: 01/31/24

# ORGANICS



# VOLATILES

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 10:38  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-01  
**Client ID:** PUMP 11/IP-0 PRE TRIAL  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 08:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:04  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:30  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:56  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 12:21  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 12:47  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-06  
**Client ID:** PUMP 16 IP-1-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 10:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-06  
**Client ID:** PUMP 16 IP-1-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 10:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 13:13  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 13:39  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-08  
**Client ID:** PUMP 18 IP-2-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 11:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 14:05  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 14:31  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 14:57  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-11  
**Client ID:** PUMP 21 IP-4-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 13:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 15:24  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-12  
**Client ID:** PUMP 22 IP-4-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 13:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 15:50  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-13  
**Client ID:** PUMP 23 IP-5-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 14:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 16:16  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 16:41  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 17:07  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 17:33  
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-17  
**Client ID:** PUMP 27 IP-7-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 16:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 09:30  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 09:55  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 10:19  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 10:44  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:08  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:33  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 01/02/24 11:57  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Volatile Organics by GC/MS - Westborough Lab</b>						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	112		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 09:06  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1870311-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 09:06  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1870311-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 09:06  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1870311-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG1870508-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG1870508-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/02/24 08:54  
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-17 Batch: WG1870508-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1870311-3 WG1870311-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	96		100		70-130	4		20
Dibromochloromethane	89		97		63-130	9		20
1,1,2-Trichloroethane	87		98		70-130	12		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	92		100		70-130	8		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	94		100		67-130	6		20
trans-1,3-Dichloropropene	87		96		70-130	10		20
cis-1,3-Dichloropropene	94		99		70-130	5		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	86		95		54-136	10		20
1,1,2,2-Tetrachloroethane	82		94		67-130	14		20
Benzene	110		110		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		94		64-130	16		20
Bromomethane	110		96		39-139	14		20



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1870311-3 WG1870311-4								
Vinyl chloride	120		99		55-140	19		20
Chloroethane	120		100		55-138	18		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	92		97		70-130	5		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	88		99		63-130	12		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	96		100		70-130	4		20
1,2,3-Trichloropropane	85		94		64-130	10		20
Acrylonitrile	99		100		70-130	1		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	92		79		36-147	15		20
Acetone	92		89		58-148	3		20
Carbon disulfide	110		99		51-130	11		20
2-Butanone	88		94		63-138	7		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	71		85		59-130	18		20
2-Hexanone	71		81		57-130	13		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1870311-3 WG1870311-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	88		97		70-130	10		20
1,3-Dichloropropane	87		96		70-130	10		20
1,1,1,2-Tetrachloroethane	96		100		64-130	4		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	84		92		70-130	9		20
p-Chlorotoluene	99		100		70-130	1		20
1,2-Dibromo-3-chloropropane	84		93		41-144	10		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	92		97		70-130	5		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	138		126		56-162	9		20
p-Diethylbenzene	110		110		70-130	0		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1870311-3 WG1870311-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	94		95		70-130	1		20
Ethyl ether	91		100		59-134	9		20
trans-1,4-Dichloro-2-butene	85		96		70-130	12		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	92		100		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	93		97		70-130
Dibromofluoromethane	103		106		70-130

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG1870508-3 WG1870508-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	98		97		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	91		92		54-136	1		20
1,1,2,2-Tetrachloroethane	95		98		67-130	3		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	37	Q	36	Q	39-139	3		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG1870508-3 WG1870508-4								
Vinyl chloride	110		100		55-140	10		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	94		93		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		92		63-130	2		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	96		98		70-130	2		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	99		97		36-147	2		20
Acetone	100		100		58-148	0		20
Carbon disulfide	99		96		51-130	3		20
2-Butanone	88		94		63-138	7		20
Vinyl acetate	120		120		70-130	0		20
4-Methyl-2-pentanone	93		95		59-130	2		20
2-Hexanone	85		90		57-130	6		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG1870508-3 WG1870508-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	96		99		70-130	3		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	83		86		41-144	4		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	88		91		70-130	3		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		91		70-130	6		20
1,2,4-Trichlorobenzene	94		95		70-130	1		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	92		100		56-162	8		20
p-Diethylbenzene	110		100		70-130	10		20

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-17 Batch: WG1870508-3 WG1870508-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	87		87		59-134	0		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	98		100		70-130

# SEMIVOLATILES



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 01:19  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	63		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 14:45  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	75		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 03:02  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.150	0.0339	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			35		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 01:46  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	56		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 15:01  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	68		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 03:26  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	0.0441	J	ug/l	0.139	0.0314	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	31		15-110

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 02:13  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	60		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 15:49  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.16		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	68		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 03:50  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	0.0348	J	ug/l	0.139	0.0314	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	33		15-110

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 04:28  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.9	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	57		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 16:05  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.19		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	70		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 04:13  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			36		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 02:40  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	70.		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 16:38  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	73		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 04:37  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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1,4 Dioxane by 8270E-SIM - Mansfield Lab						
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1,4-Dioxane	ND		ug/l	0.139	0.0314	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
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1,4-Dioxane-d8	36		15-110
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**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/30/23 19:37  
 Analyst: SZ

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	61		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 16:54  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.45		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.10	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	69		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 05:01  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.156	0.0353	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			40		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 12/29/23 03:34  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	60		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 17:10  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	68		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 05:24  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			38		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 05:13  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	71		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 17:26  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	72		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 05:48  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.134	0.0303	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			37		15-110	



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 05:37  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	72		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 17:42  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	69		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 06:11  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			37		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 06:00  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	6.9		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	66		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 17:58  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 10:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.24		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	73		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 06:35  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			40		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 06:24  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	16.		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	59		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 12:53  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	65		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 06:58  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			41		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 06:47  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	63		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 13:09  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.86		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	75		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 07:22  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			35		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 07:10  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	4.3		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	54		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 13:25  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.01	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	64		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 07:45  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			33		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 07:34  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	6.5		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	44		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 13:41  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	1.2		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	0.04	J	ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.09	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	51		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 08:09  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			33		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 07:58  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	3.1		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	25		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	45		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 13:57  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	53		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 08:32  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			31		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 08:21  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	41.		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	44		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 14:13  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.10	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	51		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

## Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 08:56  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			31		15-110	



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 09:02  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	17.		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	48		15-120
2,4,6-Tribromophenol	36		10-120
4-Terphenyl-d14	46		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 14:29  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	57		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 09:19  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			34		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 09:28  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	87		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 10:12  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	111		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 09:43  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			36		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 09:54  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	100		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	99		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 10:28  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.01	J	ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	<b>123</b>	Q	23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	115		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 10:06  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			35		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 10:20  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	96		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 11:17  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.17		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	114		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 11:29  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.150	0.0339	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			38		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 10:46  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	88		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 11:33  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	104		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 11:52  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1
Surrogate			% Recovery	Qualifier	Acceptance Criteria	
1,4-Dioxane-d8			39		15-110	

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 11:12  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	98		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 11:49  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.01	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	114		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 12:16  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.139	0.0314	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 11:39  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	95		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 12:05  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.10		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.01	J	ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	112		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 12:39  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.134	0.0303	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/24 12:05  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS - Westborough Lab</b>						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	90		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/02/24 12:37  
 Analyst: SC

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>Semivolatile Organics by GC/MS-SIM - Westborough Lab</b>						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.16		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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## Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	103		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/06/24 13:03  
 Analyst: TPR

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/l	0.134	0.0303	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/28/23 20:18  
Analyst: LJG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1868941-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/28/23 20:18  
Analyst: LJG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1868941-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/28/23 20:18  
Analyst: LJG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1868941-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	72		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/28/23 16:55  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG1868944-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.10		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/28/23 16:55  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-10 Batch: WG1868944-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	73		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/29/23 17:31  
Analyst: CMM

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG1869093-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	2.6	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/29/23 17:31  
Analyst: CMM

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG1869093-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 12/29/23 17:31  
Analyst: CMM

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG1869093-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	43		41-149



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:00  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17 Batch: WG1869094-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01
Chrysene	0.01	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:00  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 12:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 11-17 Batch: WG1869094-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	54		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1869171-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1869171-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E  
Analytical Date: 01/03/24 00:08  
Analyst: EK

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG1869171-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	6	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	14		10-120
4-Terphenyl-d14	58		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:49  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18-24 Batch: WG1869172-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.06	J	ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 12/29/23 12:49  
Analyst: RP

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18-24 Batch: WG1869172-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	11	Q	21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	94		41-149

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 01/06/24 00:40  
Analyst: TPR

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 19:07

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-20 Batch: WG1869589-1					
1,4-Dioxane	ND		ug/l	0.150	0.0339

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	41		15-110



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 01/05/24 20:50  
Analyst: TPR

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 19:10

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 21-24 Batch: WG1869598-1					
1,4-Dioxane	ND		ug/l	0.150	0.0339

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1868941-2 WG1868941-3								
Acenaphthene	49		63		37-111	25		30
1,2,4-Trichlorobenzene	55		68		39-98	21		30
Hexachlorobenzene	62		74		40-140	18		30
Bis(2-chloroethyl)ether	54		66		40-140	20		30
2-Chloronaphthalene	53		66		40-140	22		30
1,2-Dichlorobenzene	55		65		40-140	17		30
1,3-Dichlorobenzene	53		64		40-140	19		30
1,4-Dichlorobenzene	53		64		36-97	19		30
3,3'-Dichlorobenzidine	47		56		40-140	17		30
2,4-Dinitrotoluene	54		66		48-143	20		30
2,6-Dinitrotoluene	53		66		40-140	22		30
Fluoranthene	52		62		40-140	18		30
4-Chlorophenyl phenyl ether	54		68		40-140	23		30
4-Bromophenyl phenyl ether	57		71		40-140	22		30
Bis(2-chloroisopropyl)ether	49		59		40-140	19		30
Bis(2-chloroethoxy)methane	53		63		40-140	17		30
Hexachlorobutadiene	56		69		40-140	21		30
Hexachlorocyclopentadiene	56		66		40-140	16		30
Hexachloroethane	50		63		40-140	23		30
Isophorone	52		65		40-140	22		30
Naphthalene	54		67		40-140	21		30
Nitrobenzene	53		67		40-140	23		30
NDPA/DPA	54		67		40-140	21		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1868941-2 WG1868941-3								
n-Nitrosodi-n-propylamine	54		67		29-132	21		30
Bis(2-ethylhexyl)phthalate	52		60		40-140	14		30
Butyl benzyl phthalate	57		63		40-140	10		30
Di-n-butylphthalate	48		58		40-140	19		30
Di-n-octylphthalate	51		57		40-140	11		30
Diethyl phthalate	55		67		40-140	20		30
Dimethyl phthalate	56		65		40-140	15		30
Benzo(a)anthracene	53		67		40-140	23		30
Benzo(a)pyrene	59		76		40-140	25		30
Benzo(b)fluoranthene	53		71		40-140	29		30
Benzo(k)fluoranthene	58		74		40-140	24		30
Chrysene	52		68		40-140	27		30
Acenaphthylene	54		67		45-123	21		30
Anthracene	52		65		40-140	22		30
Benzo(ghi)perylene	54		75		40-140	33	Q	30
Fluorene	55		70		40-140	24		30
Phenanthrene	50		63		40-140	23		30
Dibenzo(a,h)anthracene	53		72		40-140	30		30
Indeno(1,2,3-cd)pyrene	54		71		40-140	27		30
Pyrene	50		62		26-127	21		30
Biphenyl	57		71		40-140	22		30
4-Chloroaniline	57		67		40-140	16		30
2-Nitroaniline	56		66		52-143	16		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1868941-2 WG1868941-3								
3-Nitroaniline	54		63		25-145	15		30
4-Nitroaniline	53		65		51-143	20		30
Dibenzofuran	54		69		40-140	24		30
2-Methylnaphthalene	55		67		40-140	20		30
1,2,4,5-Tetrachlorobenzene	62		75		2-134	19		30
Acetophenone	58		72		39-129	22		30
2,4,6-Trichlorophenol	62		76		30-130	20		30
p-Chloro-m-cresol	58		70		23-97	19		30
2-Chlorophenol	57		68		27-123	18		30
2,4-Dichlorophenol	57		70		30-130	20		30
2,4-Dimethylphenol	55		65		30-130	17		30
2-Nitrophenol	58		69		30-130	17		30
4-Nitrophenol	48		60		10-80	22		30
2,4-Dinitrophenol	64		74		20-130	14		30
4,6-Dinitro-o-cresol	68		78		20-164	14		30
Pentachlorophenol	70		79		9-103	12		30
Phenol	46		56		12-110	20		30
2-Methylphenol	56		68		30-130	19		30
3-Methylphenol/4-Methylphenol	61		73		30-130	18		30
2,4,5-Trichlorophenol	63		76		30-130	19		30
Benzoic Acid	41		46		10-164	11		30
Benzyl Alcohol	56		68		26-116	19		30
Carbazole	54	Q	68		55-144	23		30

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1868941-2 WG1868941-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	55		66		21-120
Phenol-d6	45		56		10-120
Nitrobenzene-d5	58		68		23-120
2-Fluorobiphenyl	57		67		15-120
2,4,6-Tribromophenol	73		82		10-120
4-Terphenyl-d14	57		63		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG1868944-2 WG1868944-3								
Acenaphthene	62		64		40-140	3		40
2-Chloronaphthalene	61		63		40-140	3		40
Fluoranthene	58		59		40-140	2		40
Hexachlorobutadiene	62		63		40-140	2		40
Naphthalene	61		62		40-140	2		40
Benzo(a)anthracene	68		70		40-140	3		40
Benzo(a)pyrene	58		60		40-140	3		40
Benzo(b)fluoranthene	61		61		40-140	0		40
Benzo(k)fluoranthene	56		59		40-140	5		40
Chrysene	62		64		40-140	3		40
Acenaphthylene	65		68		40-140	5		40
Anthracene	63		65		40-140	3		40
Benzo(ghi)perylene	67		69		40-140	3		40
Fluorene	64		66		40-140	3		40
Phenanthrene	61		63		40-140	3		40
Dibenzo(a,h)anthracene	64		66		40-140	3		40
Indeno(1,2,3-cd)pyrene	64		67		40-140	5		40
Pyrene	55		56		40-140	2		40
2-Methylnaphthalene	62		63		40-140	2		40
Pentachlorophenol	62		63		40-140	2		40
Hexachlorobenzene	66		68		40-140	3		40
Hexachloroethane	58		59		40-140	2		40

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-10 Batch: WG1868944-2 WG1868944-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	60		60		21-120
Phenol-d6	52		52		10-120
Nitrobenzene-d5	71		71		23-120
2-Fluorobiphenyl	67		67		15-120
2,4,6-Tribromophenol	89		88		10-120
4-Terphenyl-d14	59		59		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG1869093-2 WG1869093-3								
Acenaphthene	44		43		37-111	2		30
1,2,4-Trichlorobenzene	47		46		39-98	2		30
Hexachlorobenzene	50		48		40-140	4		30
Bis(2-chloroethyl)ether	46		48		40-140	4		30
2-Chloronaphthalene	45		45		40-140	0		30
1,2-Dichlorobenzene	44		46		40-140	4		30
1,3-Dichlorobenzene	45		45		40-140	0		30
1,4-Dichlorobenzene	45		45		36-97	0		30
3,3'-Dichlorobenzidine	45		43		40-140	5		30
2,4-Dinitrotoluene	45	Q	44	Q	48-143	2		30
2,6-Dinitrotoluene	46		45		40-140	2		30
Fluoranthene	42		41		40-140	2		30
4-Chlorophenyl phenyl ether	47		47		40-140	0		30
4-Bromophenyl phenyl ether	48		47		40-140	2		30
Bis(2-chloroisopropyl)ether	45		46		40-140	2		30
Bis(2-chloroethoxy)methane	46		47		40-140	2		30
Hexachlorobutadiene	48		49		40-140	2		30
Hexachlorocyclopentadiene	33	Q	32	Q	40-140	3		30
Hexachloroethane	44		45		40-140	2		30
Isophorone	48		48		40-140	0		30
Naphthalene	46		46		40-140	0		30
Nitrobenzene	48		47		40-140	2		30
NDPA/DPA	47		46		40-140	2		30



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG1869093-2 WG1869093-3								
n-Nitrosodi-n-propylamine	49		49		29-132	0		30
Bis(2-ethylhexyl)phthalate	64		69		40-140	8		30
Butyl benzyl phthalate	53		52		40-140	2		30
Di-n-butylphthalate	47		48		40-140	2		30
Di-n-octylphthalate	59		59		40-140	0		30
Diethyl phthalate	49		49		40-140	0		30
Dimethyl phthalate	48		48		40-140	0		30
Benzo(a)anthracene	50		48		40-140	4		30
Benzo(a)pyrene	56		57		40-140	2		30
Benzo(b)fluoranthene	52		53		40-140	2		30
Benzo(k)fluoranthene	49		50		40-140	2		30
Chrysene	47		47		40-140	0		30
Acenaphthylene	48		46		45-123	4		30
Anthracene	44		46		40-140	4		30
Benzo(ghi)perylene	52		51		40-140	2		30
Fluorene	48		48		40-140	0		30
Phenanthrene	43		44		40-140	2		30
Dibenzo(a,h)anthracene	54		52		40-140	4		30
Indeno(1,2,3-cd)pyrene	55		54		40-140	2		30
Pyrene	42		41		26-127	2		30
Biphenyl	50		49		40-140	2		30
4-Chloroaniline	53		47		40-140	12		30
2-Nitroaniline	53		52		52-143	2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG1869093-2 WG1869093-3								
3-Nitroaniline	46		45		25-145	2		30
4-Nitroaniline	46	Q	45	Q	51-143	2		30
Dibenzofuran	47		46		40-140	2		30
2-Methylnaphthalene	47		47		40-140	0		30
1,2,4,5-Tetrachlorobenzene	51		52		2-134	2		30
Acetophenone	50		51		39-129	2		30
2,4,6-Trichlorophenol	56		53		30-130	6		30
p-Chloro-m-cresol	50		49		23-97	2		30
2-Chlorophenol	48		49		27-123	2		30
2,4-Dichlorophenol	50		47		30-130	6		30
2,4-Dimethylphenol	45		38		30-130	17		30
2-Nitrophenol	40		40		30-130	0		30
4-Nitrophenol	41		39		10-80	5		30
2,4-Dinitrophenol	30		29		20-130	3		30
4,6-Dinitro-o-cresol	26		26		20-164	0		30
Pentachlorophenol	54		57		9-103	5		30
Phenol	38		40		12-110	5		30
2-Methylphenol	48		45		30-130	6		30
3-Methylphenol/4-Methylphenol	50		48		30-130	4		30
2,4,5-Trichlorophenol	51		49		30-130	4		30
Benzoic Acid	53		60		10-164	12		30
Benzyl Alcohol	47		49		26-116	4		30
Carbazole	48	Q	48	Q	55-144	0		30

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG1869093-2 WG1869093-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		46		21-120
Phenol-d6	38		39		10-120
Nitrobenzene-d5	51		49		23-120
2-Fluorobiphenyl	48		49		15-120
2,4,6-Tribromophenol	57		55		10-120
4-Terphenyl-d14	45		44		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17 Batch: WG1869094-2 WG1869094-3									
Acenaphthene	45		46		40-140		2		40
2-Chloronaphthalene	45		46		40-140		2		40
Fluoranthene	53		54		40-140		2		40
Hexachlorobutadiene	44		44		40-140		0		40
Naphthalene	45		46		40-140		2		40
Benzo(a)anthracene	54		55		40-140		2		40
Benzo(a)pyrene	58		59		40-140		2		40
Benzo(b)fluoranthene	58		58		40-140		0		40
Benzo(k)fluoranthene	51		54		40-140		6		40
Chrysene	47		49		40-140		4		40
Acenaphthylene	51		52		40-140		2		40
Anthracene	54		55		40-140		2		40
Benzo(ghi)perylene	57		59		40-140		3		40
Fluorene	47		48		40-140		2		40
Phenanthrene	48		50		40-140		4		40
Dibenzo(a,h)anthracene	60		62		40-140		3		40
Indeno(1,2,3-cd)pyrene	58		60		40-140		3		40
Pyrene	53		54		40-140		2		40
2-Methylnaphthalene	47		48		40-140		2		40
Pentachlorophenol	60		58		40-140		3		40
Hexachlorobenzene	47		49		40-140		4		40
Hexachloroethane	38	Q	39	Q	40-140		3		40

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 11-17 Batch: WG1869094-2 WG1869094-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	46		48		21-120
Phenol-d6	41		42		10-120
Nitrobenzene-d5	57		59		23-120
2-Fluorobiphenyl	48		49		15-120
2,4,6-Tribromophenol	61		61		10-120
4-Terphenyl-d14	53		53		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1869171-2 WG1869171-3									
Acenaphthene	47		43		37-111		9		30
1,2,4-Trichlorobenzene	58		51		39-98		13		30
Hexachlorobenzene	62		61		40-140		2		30
Bis(2-chloroethyl)ether	47		44		40-140		7		30
2-Chloronaphthalene	58		53		40-140		9		30
1,2-Dichlorobenzene	50		45		40-140		11		30
1,3-Dichlorobenzene	48		44		40-140		9		30
1,4-Dichlorobenzene	49		45		36-97		9		30
3,3'-Dichlorobenzidine	39	Q	41		40-140		5		30
2,4-Dinitrotoluene	62		59		48-143		5		30
2,6-Dinitrotoluene	66		64		40-140		3		30
Fluoranthene	50		50		40-140		0		30
4-Chlorophenyl phenyl ether	59		56		40-140		5		30
4-Bromophenyl phenyl ether	62		62		40-140		0		30
Bis(2-chloroisopropyl)ether	35	Q	31	Q	40-140		12		30
Bis(2-chloroethoxy)methane	52		46		40-140		12		30
Hexachlorobutadiene	67		60		40-140		11		30
Hexachlorocyclopentadiene	68		61		40-140		11		30
Hexachloroethane	50		47		40-140		6		30
Isophorone	50		45		40-140		11		30
Naphthalene	53		48		40-140		10		30
Nitrobenzene	55		46		40-140		18		30
NDPA/DPA	51		52		40-140		2		30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1869171-2 WG1869171-3								
n-Nitrosodi-n-propylamine	49		46		29-132	6		30
Bis(2-ethylhexyl)phthalate	47		43		40-140	9		30
Butyl benzyl phthalate	44		47		40-140	7		30
Di-n-butylphthalate	46		43		40-140	7		30
Di-n-octylphthalate	45		43		40-140	5		30
Diethyl phthalate	53		51		40-140	4		30
Dimethyl phthalate	60		58		40-140	3		30
Benzo(a)anthracene	50		48		40-140	4		30
Benzo(a)pyrene	53		55		40-140	4		30
Benzo(b)fluoranthene	51		52		40-140	2		30
Benzo(k)fluoranthene	49		50		40-140	2		30
Chrysene	52		48		40-140	8		30
Acenaphthylene	57		52		45-123	9		30
Anthracene	48		44		40-140	9		30
Benzo(ghi)perylene	55		51		40-140	8		30
Fluorene	51		50		40-140	2		30
Phenanthrene	48		43		40-140	11		30
Dibenzo(a,h)anthracene	55		52		40-140	6		30
Indeno(1,2,3-cd)pyrene	55		49		40-140	12		30
Pyrene	49		51		26-127	4		30
Biphenyl	55		52		40-140	6		30
4-Chloroaniline	52		46		40-140	12		30
2-Nitroaniline	66		64		52-143	3		30

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: CHAMPLAIN HUDSON POWER EXPRESS

Lab Number: L2376103

Project Number: 24711.001

Report Date: 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1869171-2 WG1869171-3								
3-Nitroaniline	51		49		25-145	4		30
4-Nitroaniline	51		51		51-143	0		30
Dibenzofuran	52		49		40-140	6		30
2-Methylnaphthalene	57		53		40-140	7		30
1,2,4,5-Tetrachlorobenzene	67		61		2-134	9		30
Acetophenone	51		46		39-129	10		30
2,4,6-Trichlorophenol	68		66		30-130	3		30
p-Chloro-m-cresol	58		56		23-97	4		30
2-Chlorophenol	51		45		27-123	13		30
2,4-Dichlorophenol	58		52		30-130	11		30
2,4-Dimethylphenol	41		38		30-130	8		30
2-Nitrophenol	66		61		30-130	8		30
4-Nitrophenol	51		51		10-80	0		30
2,4-Dinitrophenol	81		75		20-130	8		30
4,6-Dinitro-o-cresol	84		87		20-164	4		30
Pentachlorophenol	62		71		9-103	14		30
Phenol	36		33		12-110	9		30
2-Methylphenol	46		43		30-130	7		30
3-Methylphenol/4-Methylphenol	52		46		30-130	12		30
2,4,5-Trichlorophenol	69		68		30-130	1		30
Benzoic Acid	65		52		10-164	22		30
Benzyl Alcohol	52		45		26-116	14		30
Carbazole	47	Q	44	Q	55-144	7		30



**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG1869171-2 WG1869171-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	49		44		21-120
Phenol-d6	43		35		10-120
Nitrobenzene-d5	58		54		23-120
2-Fluorobiphenyl	65		60		15-120
2,4,6-Tribromophenol	72		75		10-120
4-Terphenyl-d14	56		57		41-149

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18-24 Batch: WG1869172-2 WG1869172-3								
Acenaphthene	50		48		40-140	4		40
2-Chloronaphthalene	52		48		40-140	8		40
Fluoranthene	56		54		40-140	4		40
Hexachlorobutadiene	46		42		40-140	9		40
Naphthalene	51		46		40-140	10		40
Benzo(a)anthracene	57		55		40-140	4		40
Benzo(a)pyrene	61		59		40-140	3		40
Benzo(b)fluoranthene	63		61		40-140	3		40
Benzo(k)fluoranthene	58		55		40-140	5		40
Chrysene	53		51		40-140	4		40
Acenaphthylene	59		56		40-140	5		40
Anthracene	57		56		40-140	2		40
Benzo(ghi)perylene	57		56		40-140	2		40
Fluorene	53		51		40-140	4		40
Phenanthrene	52		51		40-140	2		40
Dibenzo(a,h)anthracene	61		59		40-140	3		40
Indeno(1,2,3-cd)pyrene	57		56		40-140	2		40
Pyrene	55		53		40-140	4		40
2-Methylnaphthalene	53		50		40-140	6		40
Pentachlorophenol	59		58		40-140	2		40
Hexachlorobenzene	48		47		40-140	2		40
Hexachloroethane	50		46		40-140	8		40

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18-24 Batch: WG1869172-2 WG1869172-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	55		49		21-120
Phenol-d6	48		43		10-120
Nitrobenzene-d5	71		66		23-120
2-Fluorobiphenyl	58		53		15-120
2,4,6-Tribromophenol	63		60		10-120
4-Terphenyl-d14	56		54		41-149

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01-20 Batch: WG1869589-2 WG1869589-3								
1,4-Dioxane	118		116		40-140	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	36		40		15-110

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 21-24 Batch: WG1869598-2 WG1869598-3								
1,4-Dioxane	122		122		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	45		44		15-110

# PCBS

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 16:28  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	65		50-125
BZ 198	76		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 16:56  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	70		50-125



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 17:23  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	ND		ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	64		50-125
BZ 198	70		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 17:50  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	ND		ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	71		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 18:18  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	68		50-125
BZ 198	75		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 18:45  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	ND		ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	61		50-125
BZ 198	69		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/19/24 19:13  
 Analyst: DB

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	ND		ng/l	0.980	0.490	1
CI3-BZ#28	ND		ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	73		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 00:35  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	0.593	J	ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	71		50-125
BZ 198	71		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 01:02  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	0.737	J	ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	74		50-125
BZ 198	78		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 01:29  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	0.582	J	ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	63		50-125
BZ 198	68		50-125



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 01:56  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	0.739	J	ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	64		50-125
BZ 198	74		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 02:23  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	ND		ng/l	0.962	0.481	1
CI3-BZ#28	0.627	J	ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	ND		ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	72		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 02:50  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	ND		ng/l	0.980	0.490	1
CI3-BZ#28	0.678	J	ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	70		50-125
BZ 198	77		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-14  
**Client ID:** PUMP 24 IP-5-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 14:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 105,8270E-SIM/680(M)  
**Analytical Date:** 01/26/24 03:18  
**Analyst:** CNC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	ND		ng/l	0.980	0.490	1
CI3-BZ#28	0.709	J	ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	67		50-125
BZ 198	67		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 03:45  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	0.516	J	ng/l	0.980	0.490	1
CI3-BZ#28	0.895	J	ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	75		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 14:26  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.980	0.490	1
CI3-BZ#18	0.535	J	ng/l	0.980	0.490	1
CI3-BZ#28	ND		ng/l	0.980	0.490	1
CI4-BZ#44	ND		ng/l	0.980	0.490	1
CI4-BZ#49	ND		ng/l	0.980	0.490	1
CI4-BZ#52	ND		ng/l	0.980	0.490	1
CI4-BZ#66	ND		ng/l	0.980	0.490	1
CI5-BZ#87	ND		ng/l	0.980	0.490	1
CI5-BZ#101	ND		ng/l	0.980	0.490	1
CI5-BZ#105	ND		ng/l	0.980	0.490	1
CI5-BZ#118	ND		ng/l	0.980	0.490	1
CI6-BZ#128	ND		ng/l	0.980	0.490	1
CI6-BZ#138	ND		ng/l	0.980	0.490	1
CI6-BZ#153	ND		ng/l	0.980	0.490	1
CI7-BZ#170	ND		ng/l	0.980	0.490	1
CI7-BZ#180	ND		ng/l	0.980	0.490	1
CI7-BZ#183	ND		ng/l	0.980	0.490	1
CI7-BZ#184	ND		ng/l	0.980	0.490	1
CI7-BZ#187	ND		ng/l	0.980	0.490	1
CI8-BZ#195	ND		ng/l	0.980	0.490	1
CI9-BZ#206	ND		ng/l	0.980	0.490	1
CI10-BZ#209	ND		ng/l	0.980	0.490	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	64		50-125
BZ 198	77		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-17  
**Client ID:** PUMP 27 IP-7-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 16:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 105,8270E-SIM/680(M)  
**Analytical Date:** 01/26/24 14:53  
**Analyst:** CNC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	0.500	J	ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	66		50-125
BZ 198	80		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 15:20  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	0.522	J	ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	61		50-125
BZ 198	74		50-125



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 15:47  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	ND		ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	65		50-125
BZ 198	75		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 16:14  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.962	0.481	1
CI3-BZ#18	0.583	J	ng/l	0.962	0.481	1
CI3-BZ#28	ND		ng/l	0.962	0.481	1
CI4-BZ#44	ND		ng/l	0.962	0.481	1
CI4-BZ#49	ND		ng/l	0.962	0.481	1
CI4-BZ#52	0.488	J	ng/l	0.962	0.481	1
CI4-BZ#66	ND		ng/l	0.962	0.481	1
CI5-BZ#87	ND		ng/l	0.962	0.481	1
CI5-BZ#101	ND		ng/l	0.962	0.481	1
CI5-BZ#105	ND		ng/l	0.962	0.481	1
CI5-BZ#118	ND		ng/l	0.962	0.481	1
CI6-BZ#128	ND		ng/l	0.962	0.481	1
CI6-BZ#138	ND		ng/l	0.962	0.481	1
CI6-BZ#153	ND		ng/l	0.962	0.481	1
CI7-BZ#170	ND		ng/l	0.962	0.481	1
CI7-BZ#180	ND		ng/l	0.962	0.481	1
CI7-BZ#183	ND		ng/l	0.962	0.481	1
CI7-BZ#184	ND		ng/l	0.962	0.481	1
CI7-BZ#187	ND		ng/l	0.962	0.481	1
CI8-BZ#195	ND		ng/l	0.962	0.481	1
CI9-BZ#206	ND		ng/l	0.962	0.481	1
CI10-BZ#209	ND		ng/l	0.962	0.481	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	64		50-125
BZ 198	72		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-21  
**Client ID:** PUMP 31 IP-30-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:50  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 105,8270E-SIM/680(M)  
**Analytical Date:** 01/26/24 16:41  
**Analyst:** CNC

**Extraction Method:** EPA 3510C  
**Extraction Date:** 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.971	0.485	1
CI3-BZ#18	ND		ng/l	0.971	0.485	1
CI3-BZ#28	ND		ng/l	0.971	0.485	1
CI4-BZ#44	ND		ng/l	0.971	0.485	1
CI4-BZ#49	ND		ng/l	0.971	0.485	1
CI4-BZ#52	0.593	J	ng/l	0.971	0.485	1
CI4-BZ#66	ND		ng/l	0.971	0.485	1
CI5-BZ#87	ND		ng/l	0.971	0.485	1
CI5-BZ#101	ND		ng/l	0.971	0.485	1
CI5-BZ#105	ND		ng/l	0.971	0.485	1
CI5-BZ#118	ND		ng/l	0.971	0.485	1
CI6-BZ#128	ND		ng/l	0.971	0.485	1
CI6-BZ#138	ND		ng/l	0.971	0.485	1
CI6-BZ#153	ND		ng/l	0.971	0.485	1
CI7-BZ#170	ND		ng/l	0.971	0.485	1
CI7-BZ#180	ND		ng/l	0.971	0.485	1
CI7-BZ#183	ND		ng/l	0.971	0.485	1
CI7-BZ#184	ND		ng/l	0.971	0.485	1
CI7-BZ#187	ND		ng/l	0.971	0.485	1
CI8-BZ#195	ND		ng/l	0.971	0.485	1
CI9-BZ#206	ND		ng/l	0.971	0.485	1
CI10-BZ#209	ND		ng/l	0.971	0.485	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	59		50-125
BZ 198	58		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 17:09  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	1.06	0.529	1
CI3-BZ#18	ND		ng/l	1.06	0.529	1
CI3-BZ#28	ND		ng/l	1.06	0.529	1
CI4-BZ#44	ND		ng/l	1.06	0.529	1
CI4-BZ#49	ND		ng/l	1.06	0.529	1
CI4-BZ#52	ND		ng/l	1.06	0.529	1
CI4-BZ#66	ND		ng/l	1.06	0.529	1
CI5-BZ#87	ND		ng/l	1.06	0.529	1
CI5-BZ#101	ND		ng/l	1.06	0.529	1
CI5-BZ#105	ND		ng/l	1.06	0.529	1
CI5-BZ#118	ND		ng/l	1.06	0.529	1
CI6-BZ#128	ND		ng/l	1.06	0.529	1
CI6-BZ#138	ND		ng/l	1.06	0.529	1
CI6-BZ#153	ND		ng/l	1.06	0.529	1
CI7-BZ#170	ND		ng/l	1.06	0.529	1
CI7-BZ#180	ND		ng/l	1.06	0.529	1
CI7-BZ#183	ND		ng/l	1.06	0.529	1
CI7-BZ#184	ND		ng/l	1.06	0.529	1
CI7-BZ#187	ND		ng/l	1.06	0.529	1
CI8-BZ#195	ND		ng/l	1.06	0.529	1
CI9-BZ#206	ND		ng/l	1.06	0.529	1
CI10-BZ#209	ND		ng/l	1.06	0.529	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	63		50-125
BZ 198	76		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 17:36  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	0.952	0.476	1
CI3-BZ#18	ND		ng/l	0.952	0.476	1
CI3-BZ#28	ND		ng/l	0.952	0.476	1
CI4-BZ#44	ND		ng/l	0.952	0.476	1
CI4-BZ#49	ND		ng/l	0.952	0.476	1
CI4-BZ#52	ND		ng/l	0.952	0.476	1
CI4-BZ#66	ND		ng/l	0.952	0.476	1
CI5-BZ#87	ND		ng/l	0.952	0.476	1
CI5-BZ#101	ND		ng/l	0.952	0.476	1
CI5-BZ#105	ND		ng/l	0.952	0.476	1
CI5-BZ#118	ND		ng/l	0.952	0.476	1
CI6-BZ#128	ND		ng/l	0.952	0.476	1
CI6-BZ#138	ND		ng/l	0.952	0.476	1
CI6-BZ#153	ND		ng/l	0.952	0.476	1
CI7-BZ#170	ND		ng/l	0.952	0.476	1
CI7-BZ#180	ND		ng/l	0.952	0.476	1
CI7-BZ#183	ND		ng/l	0.952	0.476	1
CI7-BZ#184	ND		ng/l	0.952	0.476	1
CI7-BZ#187	ND		ng/l	0.952	0.476	1
CI8-BZ#195	ND		ng/l	0.952	0.476	1
CI9-BZ#206	ND		ng/l	0.952	0.476	1
CI10-BZ#209	ND		ng/l	0.952	0.476	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	51		50-125
BZ 198	51		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 105,8270E-SIM/680(M)  
 Analytical Date: 01/26/24 18:03  
 Analyst: CNC

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
<b>PCB Congeners (NOAA List) - Mansfield Lab</b>						
CI2-BZ#8	ND		ng/l	1.00	0.500	1
CI3-BZ#18	0.646	J	ng/l	1.00	0.500	1
CI3-BZ#28	ND		ng/l	1.00	0.500	1
CI4-BZ#44	ND		ng/l	1.00	0.500	1
CI4-BZ#49	ND		ng/l	1.00	0.500	1
CI4-BZ#52	0.510	J	ng/l	1.00	0.500	1
CI4-BZ#66	ND		ng/l	1.00	0.500	1
CI5-BZ#87	ND		ng/l	1.00	0.500	1
CI5-BZ#101	ND		ng/l	1.00	0.500	1
CI5-BZ#105	ND		ng/l	1.00	0.500	1
CI5-BZ#118	ND		ng/l	1.00	0.500	1
CI6-BZ#128	ND		ng/l	1.00	0.500	1
CI6-BZ#138	ND		ng/l	1.00	0.500	1
CI6-BZ#153	ND		ng/l	1.00	0.500	1
CI7-BZ#170	ND		ng/l	1.00	0.500	1
CI7-BZ#180	ND		ng/l	1.00	0.500	1
CI7-BZ#183	ND		ng/l	1.00	0.500	1
CI7-BZ#184	ND		ng/l	1.00	0.500	1
CI7-BZ#187	ND		ng/l	1.00	0.500	1
CI8-BZ#195	ND		ng/l	1.00	0.500	1
CI9-BZ#206	ND		ng/l	1.00	0.500	1
CI10-BZ#209	ND		ng/l	1.00	0.500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
DBOB	86		50-125
BZ 198	70		50-125

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 105,8270E-SIM/680(M)  
Analytical Date: 01/19/24 09:11  
Analyst: DB

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL
<b>PCB Congeners (NOAA List) - Mansfield Lab for sample(s): 01-15 Batch: WG1869548-1</b>					
CI2-BZ#8	ND		ng/l	1.00	0.500
CI3-BZ#18	ND		ng/l	1.00	0.500
CI3-BZ#28	ND		ng/l	1.00	0.500
CI4-BZ#44	ND		ng/l	1.00	0.500
CI4-BZ#49	ND		ng/l	1.00	0.500
CI4-BZ#52	ND		ng/l	1.00	0.500
CI4-BZ#66	ND		ng/l	1.00	0.500
CI5-BZ#87	ND		ng/l	1.00	0.500
CI5-BZ#101	ND		ng/l	1.00	0.500
CI5-BZ#105	ND		ng/l	1.00	0.500
CI5-BZ#118	ND		ng/l	1.00	0.500
CI6-BZ#128	ND		ng/l	1.00	0.500
CI6-BZ#138	ND		ng/l	1.00	0.500
CI6-BZ#153	ND		ng/l	1.00	0.500
CI7-BZ#170	ND		ng/l	1.00	0.500
CI7-BZ#180	ND		ng/l	1.00	0.500
CI7-BZ#183	ND		ng/l	1.00	0.500
CI7-BZ#184	ND		ng/l	1.00	0.500
CI7-BZ#187	ND		ng/l	1.00	0.500
CI8-BZ#195	ND		ng/l	1.00	0.500
CI9-BZ#206	ND		ng/l	1.00	0.500
CI10-BZ#209	ND		ng/l	1.00	0.500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
DBOB	70		50-125
BZ 198	98		50-125



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 105,8270E-SIM/680(M)  
Analytical Date: 01/26/24 12:37  
Analyst: CNC

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 16:00

Parameter	Result	Qualifier	Units	RL	MDL
PCB Congeners (NOAA List) - Mansfield Lab for sample(s): 16-24 Batch: WG1869549-1					
CI2-BZ#8	ND		ng/l	1.00	0.500
CI3-BZ#18	ND		ng/l	1.00	0.500
CI3-BZ#28	ND		ng/l	1.00	0.500
CI4-BZ#44	ND		ng/l	1.00	0.500
CI4-BZ#49	ND		ng/l	1.00	0.500
CI4-BZ#52	ND		ng/l	1.00	0.500
CI4-BZ#66	ND		ng/l	1.00	0.500
CI5-BZ#87	ND		ng/l	1.00	0.500
CI5-BZ#101	ND		ng/l	1.00	0.500
CI5-BZ#105	ND		ng/l	1.00	0.500
CI5-BZ#118	ND		ng/l	1.00	0.500
CI6-BZ#128	ND		ng/l	1.00	0.500
CI6-BZ#138	ND		ng/l	1.00	0.500
CI6-BZ#153	ND		ng/l	1.00	0.500
CI7-BZ#170	ND		ng/l	1.00	0.500
CI7-BZ#180	ND		ng/l	1.00	0.500
CI7-BZ#183	ND		ng/l	1.00	0.500
CI7-BZ#184	ND		ng/l	1.00	0.500
CI7-BZ#187	ND		ng/l	1.00	0.500
CI8-BZ#195	ND		ng/l	1.00	0.500
CI9-BZ#206	ND		ng/l	1.00	0.500
CI10-BZ#209	ND		ng/l	1.00	0.500

Surrogate	%Recovery	Qualifier	Acceptance Criteria
DBOB	60		50-125
BZ 198	99		50-125





## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 01-15 Batch: WG1869548-2 WG1869548-3								
Cl2-BZ#8	65		63		40-140	3		30
Cl3-BZ#18	56		54		40-140	4		30
Cl3-BZ#28	68		68		40-140	0		30
Cl4-BZ#44	74		73		40-140	1		30
Cl4-BZ#49	69		64		40-140	8		30
Cl4-BZ#52	62		61		40-140	2		30
Cl4-BZ#66	75		78		40-140	4		30
Cl5-BZ#87	73		76		40-140	4		30
Cl5-BZ#101	70		73		40-140	4		30
Cl5-BZ#105	74		80		40-140	8		30
Cl5-BZ#118	73		79		40-140	8		30
Cl6-BZ#128	77		80		40-140	4		30
Cl6-BZ#138	74		80		40-140	8		30
Cl6-BZ#153	74		83		40-140	11		30
Cl7-BZ#170	73		83		40-140	13		30
Cl7-BZ#180	67		76		40-140	13		30
Cl7-BZ#183	71		81		40-140	13		30
Cl7-BZ#184	70		81		40-140	15		30
Cl7-BZ#187	78		86		40-140	10		30
Cl8-BZ#195	75		89		40-140	17		30
Cl9-BZ#206	65		79		40-140	19		30
Cl10-BZ#209	63		80		40-140	24		30

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 01-15 Batch: WG1869548-2 WG1869548-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
DBOB	56		64		50-125
BZ 198	76		84		50-125

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 16-24 Batch: WG1869549-2 WG1869549-3								
Cl2-BZ#8	71		64		40-140	10		30
Cl3-BZ#18	71		65		40-140	9		30
Cl3-BZ#28	71		65		40-140	9		30
Cl4-BZ#44	77		70		40-140	10		30
Cl4-BZ#49	72		65		40-140	10		30
Cl4-BZ#52	77		71		40-140	8		30
Cl4-BZ#66	79		72		40-140	9		30
Cl5-BZ#87	82		75		40-140	9		30
Cl5-BZ#101	79		71		40-140	11		30
Cl5-BZ#105	84		77		40-140	9		30
Cl5-BZ#118	82		76		40-140	8		30
Cl6-BZ#128	88		78		40-140	12		30
Cl6-BZ#138	84		77		40-140	9		30
Cl6-BZ#153	86		78		40-140	10		30
Cl7-BZ#170	89		80		40-140	11		30
Cl7-BZ#180	83		74		40-140	11		30
Cl7-BZ#183	91		80		40-140	13		30
Cl7-BZ#184	91		80		40-140	13		30
Cl7-BZ#187	93		85		40-140	9		30
Cl8-BZ#195	92		84		40-140	9		30
Cl9-BZ#206	76		67		40-140	13		30
Cl10-BZ#209	74		67		40-140	10		30

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB Congeners (NOAA List) - Mansfield Lab Associated sample(s): 16-24 Batch: WG1869549-2 WG1869549-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
DBOB	61		57		50-125
BZ 198	89		87		50-125

# PESTICIDES

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:59  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.012	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	59		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:10  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.012	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-02  
 Client ID: PUMP 12 IP-30 PRE  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	40		30-150	B
Decachlorobiphenyl	45		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:21  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.014	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-03  
 Client ID: PUMP 13 IP-0 TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	56		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:33  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.015	J	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-04  
 Client ID: PUMP 14 IP-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 09:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	63		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:44  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.019	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-05  
 Client ID: PUMP 15 IP-1-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	71		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:55  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.017	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-06  
 Client ID: PUMP 16 IP-1-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 10:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	70		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 00:06  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.022	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-07  
 Client ID: PUMP 17 IP-2-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	67		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 00:17  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.018	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-08  
 Client ID: PUMP 18 IP-2-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 11:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	61		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 00:28  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.014	J	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-09  
 Client ID: PUMP 19 IP-3-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	46		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 00:39  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 11:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.020	J	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-10  
 Client ID: PUMP 20 IP-3-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 12:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	66		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 12:24  
 Analyst: JAG

Extraction Method: EPA 3510C  
 Extraction Date: 12/29/23 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-11  
 Client ID: PUMP 21 IP-4-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/30/23 00:50  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.030		ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-12  
 Client ID: PUMP 22 IP-4-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 13:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	71		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 20:59  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-13  
 Client ID: PUMP 23 IP-5-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 21:12  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-14  
 Client ID: PUMP 24 IP-5-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 14:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	94		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 21:24  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-15  
 Client ID: PUMP 25 IP-6-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	91		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 21:36  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-16  
 Client ID: PUMP 26 IP-6-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 15:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	85		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 21:49  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-17  
 Client ID: PUMP 27 IP-7-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:01  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-18  
 Client ID: PUMP 28 IP-7-30  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 16:30  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	85		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:14  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-19  
 Client ID: PUMP 29 IP-8-0  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	81		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:26  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-20  
 Client ID: PUMP 30 IP-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	82		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:39  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-21  
 Client ID: PUMP 31 IP-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 17:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	79		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 22:51  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-22  
 Client ID: PUMP 32 IP-1-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	81		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:03  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-23  
 Client ID: PUMP 33 IP-1-30-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 18:50  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	76		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 12/29/23 23:16  
 Analyst: PEG

Extraction Method: EPA 3510C  
 Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
<b>Organochlorine Pesticides by GC - Westborough Lab</b>							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

Lab ID: L2376103-24  
 Client ID: PUMP 34 IP-2-0-POST  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 19:20  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	78		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/28/23 14:43  
Analyst: MMG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 03:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12 Batch: WG1868840-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/28/23 14:43  
Analyst: MMG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 03:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10,12 Batch: WG1868840-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	83		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B  
Analytical Date: 12/29/23 19:20  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13-24 Batch: WG1869146-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/29/23 19:20  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/28/23 15:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 13-24 Batch: WG1869146-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	113		30-150	B

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/30/23 11:47  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1869604-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
Analytical Date: 12/30/23 11:47  
Analyst: JAG

Extraction Method: EPA 3510C  
Extraction Date: 12/29/23 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1869604-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	91		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1868840-2 WG1868840-3									
Delta-BHC	92		81		30-150	12		20	A
Lindane	91		82		30-150	10		20	A
Alpha-BHC	101		89		30-150	13		20	A
Beta-BHC	102		90		30-150	12		20	A
Heptachlor	86		77		30-150	12		20	A
Aldrin	83		75		30-150	11		20	A
Heptachlor epoxide	85		75		30-150	12		20	A
Endrin	87		74		30-150	16		20	A
Endrin aldehyde	78		66		30-150	17		20	A
Endrin ketone	88		76		30-150	15		20	A
Dieldrin	92		80		30-150	14		20	A
4,4'-DDE	81		70		30-150	14		20	A
4,4'-DDD	90		77		30-150	16		20	A
4,4'-DDT	87		73		30-150	18		20	A
Endosulfan I	83		72		30-150	13		20	A
Endosulfan II	88		75		30-150	15		20	A
Endosulfan sulfate	85		72		30-150	16		20	A
Methoxychlor	95		77		30-150	21	Q	20	A
cis-Chlordane	75		68		30-150	11		20	A
trans-Chlordane	91		81		30-150	11		20	A

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10,12 Batch: WG1868840-2 WG1868840-3								

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>	<b>Column</b>
2,4,5,6-Tetrachloro-m-xylene	91		82		30-150	A
Decachlorobiphenyl	87		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		84		30-150	B
Decachlorobiphenyl	98		82		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-24 Batch: WG1869146-2 WG1869146-3									
Delta-BHC	75		82		30-150	9		20	A
Lindane	74		81		30-150	9		20	A
Alpha-BHC	77		83		30-150	8		20	A
Beta-BHC	88		95		30-150	7		20	A
Heptachlor	83		92		30-150	10		20	A
Aldrin	70		77		30-150	10		20	A
Heptachlor epoxide	82		90		30-150	10		20	A
Endrin	75		82		30-150	10		20	A
Endrin aldehyde	67		73		30-150	9		20	A
Endrin ketone	82		88		30-150	7		20	A
Dieldrin	80		87		30-150	9		20	A
4,4'-DDE	71		79		30-150	11		20	A
4,4'-DDD	80		87		30-150	8		20	A
4,4'-DDT	78		83		30-150	7		20	A
Endosulfan I	80		88		30-150	10		20	A
Endosulfan II	76		82		30-150	7		20	A
Endosulfan sulfate	71		77		30-150	8		20	A
Methoxychlor	99		109		30-150	9		20	A
cis-Chlordane	77		84		30-150	9		20	A
trans-Chlordane	78		86		30-150	9		20	A

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 13-24 Batch: WG1869146-2 WG1869146-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		72		30-150	A
Decachlorobiphenyl	84		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	B
Decachlorobiphenyl	92		93		30-150	B

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1869604-2 WG1869604-3									
Delta-BHC	83		78		30-150	6		20	A
Lindane	81		76		30-150	6		20	A
Alpha-BHC	89		79		30-150	11		20	A
Beta-BHC	97		89		30-150	8		20	A
Heptachlor	94		89		30-150	5		20	A
Aldrin	78		74		30-150	4		20	A
Heptachlor epoxide	90		85		30-150	5		20	A
Endrin	84		78		30-150	7		20	A
Endrin aldehyde	79		74		30-150	7		20	A
Endrin ketone	89		83		30-150	6		20	A
Dieldrin	86		82		30-150	5		20	A
4,4'-DDE	77		74		30-150	4		20	A
4,4'-DDD	87		83		30-150	5		20	A
4,4'-DDT	85		80		30-150	6		20	A
Endosulfan I	88		83		30-150	5		20	A
Endosulfan II	82		78		30-150	6		20	A
Endosulfan sulfate	77		73		30-150	5		20	A
Methoxychlor	108		102		30-150	6		20	A
cis-Chlordane	82		79		30-150	3		20	A



### Lab Control Sample Analysis

Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1869604-2 WG1869604-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	85		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		75		30-150	B
Decachlorobiphenyl	92		86		30-150	B

### Lab Control Sample Analysis

#### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1869604-2 WG1869604-3									
trans-Chlordane	93		89		30-150	4		20	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	85		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		75		30-150	B
Decachlorobiphenyl	92		86		30-150	B

## METALS

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-01  
 Client ID: PUMP 11/IP-0 PRE TRIAL  
 Sample Location: HUDSON RIVER

Date Collected: 12/22/23 08:00  
 Date Received: 12/26/23  
 Field Prep: Not Specified

Sample Depth:  
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00114		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Barium, Total	0.03661		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00225		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Iron, Total	3.08		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1864		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:12	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Sodium, Total	11.7		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01359		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:34	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-02

Date Collected: 12/22/23 08:30

Client ID: PUMP 12 IP-30 PRE

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00111		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Barium, Total	0.03546		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00011	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00232		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Iron, Total	3.11		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1633		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:16	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Sodium, Total	11.6		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01256		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:39	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-03

Date Collected: 12/22/23 09:00

Client ID: PUMP 13 IP-0 TRIAL

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00113		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Barium, Total	0.03391		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00012	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00232		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Iron, Total	2.78		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1579		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:19	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Sodium, Total	11.7		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01268		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:44	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-04

Date Collected: 12/22/23 09:30

Client ID: PUMP 14 IP-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00104		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Barium, Total	0.03239		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00010	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00186		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Iron, Total	2.21		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1288		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:22	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Sodium, Total	11.5		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01129		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:48	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-05

Date Collected: 12/22/23 10:00

Client ID: PUMP 15 IP-1-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00106		mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Barium, Total	0.03143		mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00011	J	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00201		mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Iron, Total	2.60		mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1154		mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 20:26	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Sodium, Total	11.8		mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01055		mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 15:53	EPA 3005A	1,6020B	EJF





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-06

Date Collected: 12/22/23 10:30

Client ID: PUMP 16 IP-1-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00121		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Barium, Total	0.03337		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00244		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Iron, Total	3.28		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1291		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:08	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Sodium, Total	11.6		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00018	J	mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01358		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 09:52	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-07

Date Collected: 12/22/23 11:00

Client ID: PUMP 17 IP-2-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00118		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Barium, Total	0.03283		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00011	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00243		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Iron, Total	3.24		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1227		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00016	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:11	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Sodium, Total	11.1		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01254		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 09:57	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-08

Date Collected: 12/22/23 11:30

Client ID: PUMP 18 IP-2-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00113		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Barium, Total	0.03324		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00012	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00247		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Iron, Total	3.29		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1254		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00023		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:14	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Sodium, Total	11.5		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01265		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:01	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-09

Date Collected: 12/22/23 12:00

Client ID: PUMP 19 IP-3-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00118		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Barium, Total	0.03555		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00278		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Iron, Total	3.62		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1429		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00028		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:18	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Sodium, Total	11.5		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00024	J	mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01418		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:20	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-10

Date Collected: 12/22/23 12:30

Client ID: PUMP 20 IP-3-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00128		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Barium, Total	0.03659		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00291		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Iron, Total	3.83		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1604		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00028		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:21	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Sodium, Total	11.8		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01516		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:31	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-11

Date Collected: 12/22/23 13:00

Client ID: PUMP 21 IP-4-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00130		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Barium, Total	0.03619		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00013	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00325		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Iron, Total	3.80		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1674		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00030		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:24	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Sodium, Total	11.5		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01514		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:36	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-12

Date Collected: 12/22/23 13:30

Client ID: PUMP 22 IP-4-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00126		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Barium, Total	0.03511		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00282		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Iron, Total	3.81		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1610		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00034		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:27	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Sodium, Total	11.8		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01478		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:40	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-13

Date Collected: 12/22/23 14:00

Client ID: PUMP 23 IP-5-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00137		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Barium, Total	0.03792		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00305		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Iron, Total	4.09		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1761		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00015	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:31	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Sodium, Total	11.7		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01842		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:45	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-14

Date Collected: 12/22/23 14:30

Client ID: PUMP 24 IP-5-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00138		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Barium, Total	0.03943		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00306		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Iron, Total	4.23		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1904		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:41	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Sodium, Total	11.0		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01629		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:49	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-15

Date Collected: 12/22/23 15:00

Client ID: PUMP 25 IP-6-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00154		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Barium, Total	0.04289		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00016	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00387		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Iron, Total	4.86		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2194		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:44	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Sodium, Total	12.0		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01867		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:54	EPA 3005A	1,6020B	EJF

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-16

Date Collected: 12/22/23 15:30

Client ID: PUMP 26 IP-6-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00141		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Barium, Total	0.04174		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00016	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00438		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Iron, Total	4.48		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1957		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00010	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:47	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Sodium, Total	11.3		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01744		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 10:59	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-17

Date Collected: 12/22/23 16:00

Client ID: PUMP 27 IP-7-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00144		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Barium, Total	0.04185		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00015	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00353		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Iron, Total	4.52		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1910		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:51	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Sodium, Total	11.4		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01722		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 11:03	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-18

Date Collected: 12/22/23 16:30

Client ID: PUMP 28 IP-7-30

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00142		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Barium, Total	0.04359		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00018	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00353		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Iron, Total	4.85		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2235		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:54	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Sodium, Total	11.5		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01872		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 11:08	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-19

Date Collected: 12/22/23 17:00

Client ID: PUMP 29 IP-8-0

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00130		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Barium, Total	0.04218		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00017	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00361		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Iron, Total	4.56		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1846		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 16:57	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Sodium, Total	11.1		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01759		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 11:26	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-20

Date Collected: 12/22/23 17:20

Client ID: PUMP 30 IP-0-POST

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00148		mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Barium, Total	0.04100		mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00324		mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Iron, Total	4.44		mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1801		mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 17:01	EPA 7470A	1,7470A	GMG
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Sodium, Total	11.1		mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01769		mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 11:30	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-21

Date Collected: 12/22/23 17:50

Client ID: PUMP 31 IP-30-POST

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00128		mg/l	0.00050	0.00016	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Barium, Total	0.03728		mg/l	0.00050	0.00017	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00251		mg/l	0.00100	0.00017	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Iron, Total	4.02		mg/l	0.0500	0.0191	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1535		mg/l	0.00100	0.00044	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/04/24 21:00	01/05/24 11:59	EPA 7470A	1,7470A	MJR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Sodium, Total	10.9		mg/l	0.100	0.0293	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01555		mg/l	0.01000	0.00341	1	01/04/24 19:04	01/05/24 08:46	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-22

Date Collected: 12/22/23 18:20

Client ID: PUMP 32 IP-1-0-POST

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00125		mg/l	0.00050	0.00016	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Barium, Total	0.03435		mg/l	0.00050	0.00017	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00212		mg/l	0.00100	0.00017	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Iron, Total	3.92		mg/l	0.0500	0.0191	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1472		mg/l	0.00100	0.00044	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/04/24 21:00	01/05/24 12:03	EPA 7470A	1,7470A	MJR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Sodium, Total	11.1		mg/l	0.100	0.0293	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01486		mg/l	0.01000	0.00341	1	01/04/24 19:04	01/05/24 08:51	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-23

Date Collected: 12/22/23 18:50

Client ID: PUMP 33 IP-1-30-POST

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00120		mg/l	0.00050	0.00016	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Barium, Total	0.03436		mg/l	0.00050	0.00017	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00189		mg/l	0.00100	0.00017	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Iron, Total	3.93		mg/l	0.0500	0.0191	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1393		mg/l	0.00100	0.00044	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/04/24 21:00	01/05/24 12:22	EPA 7470A	1,7470A	MJR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Sodium, Total	10.9		mg/l	0.100	0.0293	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01455		mg/l	0.01000	0.00341	1	01/04/24 19:04	01/05/24 08:56	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**SAMPLE RESULTS**

Lab ID: L2376103-24

Date Collected: 12/22/23 19:20

Client ID: PUMP 34 IP-2-0-POST

Date Received: 12/26/23

Sample Location: HUDSON RIVER

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
<b>Total Metals - Mansfield Lab</b>											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00126		mg/l	0.00050	0.00016	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Barium, Total	0.03448		mg/l	0.00050	0.00017	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00219		mg/l	0.00100	0.00017	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Iron, Total	4.12		mg/l	0.0500	0.0191	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1481		mg/l	0.00100	0.00044	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/04/24 21:00	01/05/24 12:25	EPA 7470A	1,7470A	MJR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Sodium, Total	10.5		mg/l	0.100	0.0293	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01485		mg/l	0.01000	0.00341	1	01/04/24 19:04	01/05/24 09:25	EPA 3005A	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1870142-1									
Antimony, Total	ND	mg/l	0.00400	0.00042	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	01/02/24 23:20	01/03/24 14:34	1,6020B	EJF

#### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1870144-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/03/24 00:01	01/03/24 19:25	1,7470A	GMG

#### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-20 Batch: WG1870634-1									
Antimony, Total	ND	mg/l	0.00400	0.00042	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Barium, Total	0.00118	mg/l	0.00050	0.00017	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Method Blank Analysis Batch Quality Control

Beryllium, Total	ND	mg/l	0.00050	0.00010	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Manganese, Total	0.00140	mg/l	0.00100	0.00044	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	01/03/24 22:13	01/04/24 09:25	1,6020B	EJF

#### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-20 Batch: WG1870636-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/03/24 22:16	01/04/24 15:43	1,7470A	GMG

#### Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-24 Batch: WG1871091-1									
Antimony, Total	ND	mg/l	0.00400	0.00042	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Method Blank Analysis Batch Quality Control

Silver, Total	ND	mg/l	0.00040	0.00016	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	01/04/24 19:04	01/05/24 08:18	1,6020B	EJF

#### Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-24 Batch: WG1871093-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	01/04/24 21:00	01/05/24 11:43	1,7470A	MJR

#### Prep Information

Digestion Method: EPA 7470A

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1870142-2								
Antimony, Total	92		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	107		-		80-120	-		
Beryllium, Total	107		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Iron, Total	111		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Zinc, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1870144-2								
Mercury, Total	97		-		80-120	-		

**Lab Control Sample Analysis**

Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-20 Batch: WG1870634-2					
Antimony, Total	89	-	80-120	-	
Arsenic, Total	103	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Iron, Total	107	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	108	-	80-120	-	
Sodium, Total	107	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06-20 Batch: WG1870636-2					
Mercury, Total	88	-	80-120	-	



**Lab Control Sample Analysis**

Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>LCSD %Recovery</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>RPD Limits</b>
<b>Total Metals - Mansfield Lab Associated sample(s): 21-24 Batch: WG1871091-2</b>					
Antimony, Total	87	-	80-120	-	
Arsenic, Total	94	-	80-120	-	
Barium, Total	90	-	80-120	-	
Beryllium, Total	90	-	80-120	-	
Cadmium, Total	90	-	80-120	-	
Chromium, Total	98	-	80-120	-	
Iron, Total	110	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Selenium, Total	87	-	80-120	-	
Silver, Total	95	-	80-120	-	
Sodium, Total	91	-	80-120	-	
Thallium, Total	93	-	80-120	-	
Zinc, Total	95	-	80-120	-	
<b>Total Metals - Mansfield Lab Associated sample(s): 21-24 Batch: WG1871093-2</b>					
Mercury, Total	94	-	80-120	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05    QC Batch ID: WG1870142-3    QC Sample: L2376023-01    Client ID: MS Sample												
Antimony, Total	ND	0.5	0.4942	99		-	-		75-125	-		20
Arsenic, Total	0.00104	0.12	0.1155	95		-	-		75-125	-		20
Barium, Total	0.03404	2	2.146	106		-	-		75-125	-		20
Beryllium, Total	0.00013J	0.05	0.05398	108		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05512	104		-	-		75-125	-		20
Chromium, Total	0.00212	0.2	0.2100	104		-	-		75-125	-		20
Iron, Total	2.53	1	3.72	119		-	-		75-125	-		20
Manganese, Total	0.1445	0.5	0.6518	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.116	97		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05382	108		-	-		75-125	-		20
Sodium, Total	11.9	10	21.7	98		-	-		75-125	-		20
Thallium, Total	0.00020J	0.12	0.1196	100		-	-		75-125	-		20
Zinc, Total	0.01148	0.5	0.5249	103		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05    QC Batch ID: WG1870144-3    QC Sample: L2376023-02    Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00523	105		-	-		75-125	-		20

**Matrix Spike Analysis**  
Batch Quality Control

Project Name: CHAMPLAIN HUDSON POWER EXPRESS

Lab Number: L2376103

Project Number: 24711.001

Report Date: 01/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-20    QC Batch ID: WG1870634-3    QC Sample: L2400059-01    Client ID: MS Sample									
Antimony, Total	ND	0.5	0.4955	99	-	-	75-125	-	20
Arsenic, Total	0.00022J	0.12	0.1228	102	-	-	75-125	-	20
Barium, Total	0.02743	2	2.026	100	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05233	105	-	-	75-125	-	20
Cadmium, Total	0.00010J	0.053	0.05440	103	-	-	75-125	-	20
Chromium, Total	0.00027J	0.2	0.1952	98	-	-	75-125	-	20
Iron, Total	6.29	1	7.33	104	-	-	75-125	-	20
Manganese, Total	1.288	0.5	1.805	103	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.115	96	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05284	106	-	-	75-125	-	20
Sodium, Total	29.6	10	40.5	109	-	-	75-125	-	20
Thallium, Total	0.00026J	0.12	0.1209	101	-	-	75-125	-	20
Zinc, Total	ND	0.5	0.5120	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06-20    QC Batch ID: WG1870636-3    QC Sample: L2400059-04    Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00443	89	-	-	75-125	-	20

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
<b>Total Metals - Mansfield Lab Associated sample(s): 21-24    QC Batch ID: WG1871091-3    WG1871091-4    QC Sample: L2400377-03    Client ID: MS Sample</b>									
Antimony, Total	ND	0.5	0.4590	92	0.4496	90	75-125	2	20
Arsenic, Total	0.00085	0.12	0.1155	96	0.1109	92	75-125	4	20
Barium, Total	0.01218	2	1.914	95	1.896	94	75-125	1	20
Beryllium, Total	ND	0.05	0.04735	95	0.04694	94	75-125	1	20
Cadmium, Total	ND	0.053	0.05121	97	0.04834	91	75-125	6	20
Chromium, Total	0.00047J	0.2	0.2013	101	0.1999	100	75-125	1	20
Iron, Total	0.0218J	1	1.03	103	1.01	101	75-125	2	20
Manganese, Total	0.00046J	0.5	0.4988	100	0.5151	103	75-125	3	20
Selenium, Total	ND	0.12	0.120	100	0.0984	82	75-125	20	20
Silver, Total	ND	0.05	0.05013	100	0.04914	98	75-125	2	20
Sodium, Total	5.34	10	16.3	110	15.6	103	75-125	4	20
Thallium, Total	0.00036J	0.12	0.1199	100	0.1156	96	75-125	4	20
Zinc, Total	ND	0.5	0.4782	96	0.4828	96	75-125	1	20
<b>Total Metals - Mansfield Lab Associated sample(s): 21-24    QC Batch ID: WG1871093-3    QC Sample: L2400414-01    Client ID: MS Sample</b>									
Mercury, Total	ND	0.005	0.00468	94	-	-	75-125	-	20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Project Number:** 24711.001

**Lab Number:** L2376103

**Report Date:** 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
<b>Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1870142-4 QC Sample: L2376023-01 Client ID: DUP Sample</b>						
Antimony, Total	ND	0.00054J	mg/l	NC		20
Arsenic, Total	0.00104	0.00112	mg/l	7		20
Barium, Total	0.03404	0.03402	mg/l	0		20
Beryllium, Total	0.00013J	0.00012J	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.00212	0.00247	mg/l	15		20
Iron, Total	2.53	3.04	mg/l	18		20
Manganese, Total	0.1445	0.1457	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	11.9	11.7	mg/l	2		20
Thallium, Total	0.00020J	0.00058J	mg/l	NC		20
Zinc, Total	0.01148	0.01228	mg/l	7		20
<b>Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1870144-4 QC Sample: L2376023-02 Client ID: DUP Sample</b>						
Mercury, Total	ND	ND	mg/l	NC		20

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Project Number:** 24711.001

**Lab Number:** L2376103

**Report Date:** 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-20 QC Batch ID: WG1870634-4 QC Sample: L2400059-01 Client ID: DUP Sample					
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	0.00022J	0.00029J	mg/l	NC	20
Barium, Total	0.02743	0.02725	mg/l	1	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.00010J	0.00012J	mg/l	NC	20
Chromium, Total	0.00027J	ND	mg/l	NC	20
Iron, Total	6.29	6.31	mg/l	0	20
Manganese, Total	1.288	1.305	mg/l	1	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	29.6	29.9	mg/l	1	20
Thallium, Total	0.00026J	0.00074J	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 06-20 QC Batch ID: WG1870636-4 QC Sample: L2400059-04 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 21-24 QC Batch ID: WG1871093-4 QC Sample: L2400414-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

# **INORGANICS & MISCELLANEOUS**

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-01  
**Client ID:** PUMP 11/IP-0 PRE TRIAL  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 08:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	120		mg/l	7.0	NA	1.4	-	12/27/23 08:51	121,2540D	MRS
Chloride	18.		mg/l	1.0	0.89	1	-	01/03/24 13:42	121,4500CL-E	MRM
Fluoride	0.06	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	3.98		mg/l	0.500	0.097	1	-	12/29/23 03:55	121,5310C	DEW





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-02  
**Client ID:** PUMP 12 IP-30 PRE  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 08:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	120		mg/l	7.0	NA	1.4	-	12/27/23 08:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/03/24 13:43	121,4500CL-E	MRM
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	3.97		mg/l	0.500	0.097	1	-	12/29/23 04:18	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-03  
**Client ID:** PUMP 13 IP-0 TRIAL  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 09:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:08	121,4500CL-E	TLH
Fluoride	0.06	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.6	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	3.96		mg/l	0.500	0.097	1	-	12/29/23 04:41	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-04  
**Client ID:** PUMP 14 IP-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 09:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	93.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:11	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	3.93		mg/l	0.500	0.097	1	-	12/29/23 05:04	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-05  
**Client ID:** PUMP 15 IP-1-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 10:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	83.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 21:08	121,4500CL-E	TLH
Fluoride	0.06	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	9.0	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
Total Organic Carbon	3.86		mg/l	0.500	0.097	1	-	12/29/23 05:27	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-06  
**Client ID:** PUMP 16 IP-1-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 10:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	85.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:31	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.8	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	3.94		mg/l	0.500	0.097	1	-	12/29/23 05:49	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-07  
**Client ID:** PUMP 17 IP-2-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 11:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	82.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:31	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.1	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	3.94		mg/l	0.500	0.097	1	-	12/29/23 06:12	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-08  
**Client ID:** PUMP 18 IP-2-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 11:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	84.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/08/24 20:32	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.2	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	3.97		mg/l	0.500	0.097	1	-	12/29/23 06:35	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-09  
**Client ID:** PUMP 19 IP-3-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 12:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	90.		mg/l	6.5	NA	1.3	-	12/28/23 07:29	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:33	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.0	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	3.97		mg/l	0.500	0.097	1	-	12/29/23 07:46	121,5310C	DEW





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-10  
**Client ID:** PUMP 20 IP-3-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 12:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	94.		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/08/24 20:34	121,4500CL-E	TLH
Fluoride	0.10	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.2	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.10		mg/l	0.500	0.097	1	-	12/29/23 08:09	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-11  
**Client ID:** PUMP 21 IP-4-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 13:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:26	121,4500CL-E	TLH
Fluoride	0.03	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	7.9	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.24		mg/l	0.500	0.097	1	-	01/02/24 06:19	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-12  
**Client ID:** PUMP 22 IP-4-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 13:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:07	121,4500CL-E	TLH
Fluoride	0.08	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.2	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.28		mg/l	0.500	0.097	1	-	01/02/24 06:43	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-13  
**Client ID:** PUMP 23 IP-5-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 14:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	120		mg/l	10	NA	2	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:07	121,4500CL-E	TLH
Fluoride	0.08	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.3	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.26		mg/l	0.500	0.097	1	-	01/02/24 07:06	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-14  
**Client ID:** PUMP 24 IP-5-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 14:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:08	121,4500CL-E	TLH
Fluoride	0.11	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.6	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.30		mg/l	0.500	0.097	1	-	01/02/24 11:11	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-15  
**Client ID:** PUMP 25 IP-6-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 15:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	10	NA	2	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:09	121,4500CL-E	TLH
Fluoride	0.13	J	mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
Sulfate	8.5	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
Total Organic Carbon	4.32		mg/l	0.500	0.097	1	-	01/02/24 11:34	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-16  
**Client ID:** PUMP 26 IP-6-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 15:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:10	121,4500CL-E	TLH
Fluoride	0.08	J	mg/l	0.20	0.01	1	01/15/24 09:00	01/15/24 12:00	121,4500F-BC	DTH
Sulfate	9.5	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.23		mg/l	0.500	0.097	1	-	01/02/24 13:08	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-17  
**Client ID:** PUMP 27 IP-7-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 16:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	150		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:10	121,4500CL-E	TLH
Fluoride	0.11	J	mg/l	0.20	0.01	1	01/15/24 09:00	01/15/24 12:00	121,4500F-BC	DTH
Sulfate	9.2	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.21		mg/l	0.500	0.097	1	-	01/02/24 13:32	121,5310C	DEW





**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-18  
**Client ID:** PUMP 28 IP-7-30  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 16:30  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	130		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:11	121,4500CL-E	TLH
Fluoride	0.10	J	mg/l	0.20	0.01	1	01/15/24 09:00	01/15/24 12:00	121,4500F-BC	DTH
Sulfate	8.5	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.61		mg/l	0.500	0.097	1	-	01/02/24 13:55	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-19  
**Client ID:** PUMP 29 IP-8-0  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:00  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	140		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:28	121,4500CL-E	TLH
Fluoride	0.11	J	mg/l	0.20	0.01	1	01/15/24 09:00	01/15/24 12:00	121,4500F-BC	DTH
Sulfate	8.4	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.35		mg/l	0.500	0.097	1	-	01/02/24 14:18	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-20  
**Client ID:** PUMP 30 IP-0-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:20  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	120		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/11/24 21:16	121,4500CL-E	TLH
Fluoride	0.10	J	mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
Sulfate	8.1	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.25		mg/l	0.500	0.097	1	-	01/02/24 14:41	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-21  
**Client ID:** PUMP 31 IP-30-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 17:50  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	16.		mg/l	1.0	0.89	1	-	01/11/24 21:16	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
Sulfate	7.7	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.32		mg/l	0.500	0.097	1	-	01/02/24 15:04	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-22  
**Client ID:** PUMP 32 IP-1-0-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 18:20  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	15.		mg/l	1.0	0.89	1	-	01/11/24 21:17	121,4500CL-E	TLH
Fluoride	0.07	J	mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
Sulfate	7.8	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.39		mg/l	0.500	0.097	1	-	01/02/24 15:28	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-23  
**Client ID:** PUMP 33 IP-1-30-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 18:50  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	17.		mg/l	1.0	0.89	1	-	01/11/24 21:18	121,4500CL-E	TLH
Fluoride	0.08	J	mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
Sulfate	8.7	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.26		mg/l	0.500	0.097	1	-	01/02/24 15:52	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**SAMPLE RESULTS**

**Lab ID:** L2376103-24  
**Client ID:** PUMP 34 IP-2-0-POST  
**Sample Location:** HUDSON RIVER

**Date Collected:** 12/22/23 19:20  
**Date Received:** 12/26/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
<b>General Chemistry - Westborough Lab</b>										
Solids, Total Suspended	110		mg/l	6.5	NA	1.3	-	12/28/23 07:51	121,2540D	MRS
Chloride	15.		mg/l	1.0	0.89	1	-	01/11/24 21:19	121,4500CL-E	TLH
Fluoride	0.06	J	mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
Sulfate	8.4	J	mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
Total Organic Carbon	4.17		mg/l	0.500	0.097	1	-	01/02/24 16:15	121,5310C	DEW



**Project Name:** CHAMPLAIN HUDSON POWER EXPRI  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Method Blank Analysis**  
**Batch Quality Control**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1868440-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	12/27/23 08:51	121,2540D	MRS
General Chemistry - Westborough Lab for sample(s): 03-09 Batch: WG1868897-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	12/28/23 07:29	121,2540D	MRS
General Chemistry - Westborough Lab for sample(s): 10-24 Batch: WG1868898-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	12/28/23 07:51	121,2540D	MRS
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1869269-1										
Total Organic Carbon	ND		mg/l	0.500	0.097	1	-	12/29/23 03:06	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 11-24 Batch: WG1869949-1										
Total Organic Carbon	0.110	J	mg/l	0.500	0.097	1	-	01/02/24 03:33	121,5310C	DEW
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1870517-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/03/24 11:54	121,4500CL-E	MRM
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1871076-1										
Sulfate	1.8	J	mg/l	10	1.4	1	01/04/24 14:15	01/04/24 14:15	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 06-15 Batch: WG1871102-1										
Sulfate	1.8	J	mg/l	10	1.4	1	01/04/24 15:30	01/04/24 15:30	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 03-10 Batch: WG1872076-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/08/24 19:44	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 20-24 Batch: WG1872775-1										
Fluoride	ND		mg/l	0.20	0.01	1	01/10/24 10:00	01/10/24 14:45	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 16-24 Batch: WG1872926-1										
Sulfate	ND		mg/l	10	1.4	1	01/10/24 15:45	01/10/24 15:45	121,4500SO4-E	MRW
General Chemistry - Westborough Lab for sample(s): 11-24 Batch: WG1873365-1										
Chloride	ND		mg/l	1.0	0.89	1	-	01/11/24 20:55	121,4500CL-E	TLH
General Chemistry - Westborough Lab for sample(s): 01-15 Batch: WG1874103-1										
Fluoride	ND		mg/l	0.20	0.01	1	01/14/24 09:00	01/14/24 12:00	121,4500F-BC	DTH
General Chemistry - Westborough Lab for sample(s): 16-19 Batch: WG1874290-1										
Fluoride	ND		mg/l	0.20	0.01	1	01/15/24 09:00	01/15/24 12:00	121,4500F-BC	DTH



**Lab Control Sample Analysis****Batch Quality Control****Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1868440-2								
Solids, Total Suspended	88		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 03-09 Batch: WG1868897-2								
Solids, Total Suspended	92		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 10-24 Batch: WG1868898-2								
Solids, Total Suspended	94		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1869269-2								
Total Organic Carbon	94		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 11-24 Batch: WG1869949-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1870517-2								
Chloride	93		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1871076-2								
Sulfate	95		-		90-110	-		

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-15 Batch: WG1871102-2					
Sulfate	95	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 03-10 Batch: WG1872076-2					
Chloride	97	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 20-24 Batch: WG1872775-2					
Fluoride	96	-	78-120	-	
General Chemistry - Westborough Lab Associated sample(s): 16-24 Batch: WG1872926-2					
Sulfate	95	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 11-24 Batch: WG1873365-2					
Chloride	97	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 01-15 Batch: WG1874103-2					
Fluoride	100	-	78-120	-	
General Chemistry - Westborough Lab Associated sample(s): 16-19 Batch: WG1874290-2					
Fluoride	104	-	78-120	-	

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Lab Number:** L2376103

**Project Number:** 24711.001

**Report Date:** 01/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1869269-4 QC Sample: L2376103-09 Client ID: PUMP 19 IP-3-0												
Total Organic Carbon	3.97	16	19.6	98	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 11-24 QC Batch ID: WG1869949-4 QC Sample: L2376103-11 Client ID: PUMP 21 IP-4-0												
Total Organic Carbon	4.24	16	20.8	103	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 11-24 QC Batch ID: WG1869949-6 QC Sample: L2376103-12 Client ID: PUMP 22 IP-4-30												
Total Organic Carbon	4.28	16	21.4	107	-	-	-	-	85-115	-	-	15
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1870517-4 QC Sample: L2376023-01 Client ID: MS Sample												
Chloride	18.	20	39	105	-	-	-	-	58-140	-	-	7
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871076-4 QC Sample: L2376103-01 Client ID: PUMP 11/IP-0 PRE TRIAL												
Sulfate	8.8J	40	47	118	-	-	-	-	55-147	-	-	14
General Chemistry - Westborough Lab Associated sample(s): 06-15 QC Batch ID: WG1871102-4 QC Sample: L2376103-06 Client ID: PUMP 16 IP-1-30												
Sulfate	8.8J	40	48	120	-	-	-	-	55-147	-	-	14
General Chemistry - Westborough Lab Associated sample(s): 03-10 QC Batch ID: WG1872076-4 QC Sample: L2376103-03 Client ID: PUMP 13 IP-0 TRIAL												
Chloride	16.	20	38	110	-	-	-	-	58-140	-	-	7
General Chemistry - Westborough Lab Associated sample(s): 20-24 QC Batch ID: WG1872775-4 QC Sample: L2400800-01 Client ID: MS Sample												
Fluoride	1.1	1	2.0	86	-	-	-	-	69-124	-	-	13
General Chemistry - Westborough Lab Associated sample(s): 16-24 QC Batch ID: WG1872926-4 QC Sample: L2376103-16 Client ID: PUMP 26 IP-6-30												
Sulfate	9.5J	40	48	120	-	-	-	-	55-147	-	-	14

### Matrix Spike Analysis Batch Quality Control

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 11-24 QC Batch ID: WG1873365-4 QC Sample: L2376103-11 Client ID: PUMP 21 IP-4-0									
Chloride	17.	20	38	105	-	-	58-140	-	7
General Chemistry - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1874103-4 QC Sample: L2376103-15 Client ID: PUMP 25 IP-6-0									
Fluoride	0.13J	1	0.99	99	-	-	69-124	-	13
General Chemistry - Westborough Lab Associated sample(s): 16-19 QC Batch ID: WG1874290-4 QC Sample: L2401547-01 Client ID: MS Sample									
Fluoride	0.29	1	1.3	102	-	-	69-124	-	13

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-02	QC Batch ID: WG1868440-3	QC Sample: L2375801-01	Client ID: DUP Sample		
Solids, Total Suspended	77.	71	mg/l	8		32
General Chemistry - Westborough Lab	Associated sample(s): 01-02	QC Batch ID: WG1868440-4	QC Sample: L2375802-01	Client ID: DUP Sample		
Solids, Total Suspended	170	160	mg/l	6		32
General Chemistry - Westborough Lab	Associated sample(s): 03-09	QC Batch ID: WG1868897-3	QC Sample: L2376022-19	Client ID: DUP Sample		
Solids, Total Suspended	97.	96	mg/l	1		32
General Chemistry - Westborough Lab	Associated sample(s): 03-09	QC Batch ID: WG1868897-4	QC Sample: L2376022-20	Client ID: DUP Sample		
Solids, Total Suspended	110	110	mg/l	0		32
General Chemistry - Westborough Lab	Associated sample(s): 10-24	QC Batch ID: WG1868898-3	QC Sample: L2376103-13	Client ID: PUMP 23 IP-5-0		
Solids, Total Suspended	120	120	mg/l	0		32
General Chemistry - Westborough Lab	Associated sample(s): 10-24	QC Batch ID: WG1868898-4	QC Sample: L2376103-15	Client ID: PUMP 25 IP-6-0		
Solids, Total Suspended	140	150	mg/l	7		32
General Chemistry - Westborough Lab	Associated sample(s): 01-10	QC Batch ID: WG1869269-3	QC Sample: L2376103-01	Client ID: PUMP 11/IP-0		
PRE TRIAL						
Total Organic Carbon	3.98	4.09	mg/l	3		15
General Chemistry - Westborough Lab	Associated sample(s): 11-24	QC Batch ID: WG1869949-3	QC Sample: L2376103-11	Client ID: PUMP 21 IP-4-0		
Total Organic Carbon	4.24	4.46	mg/l	5		15
General Chemistry - Westborough Lab	Associated sample(s): 11-24	QC Batch ID: WG1869949-5	QC Sample: L2376103-12	Client ID: PUMP 22 IP-4-30		
Total Organic Carbon	4.28	4.53	mg/l	6		15

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1870517-3 QC Sample: L2376023-01 Client ID: DUP Sample					
Chloride	18.	18	mg/l	0	7
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1871076-3 QC Sample: L2376103-01 Client ID: PUMP 11/IP-0 PRE TRIAL					
Sulfate	8.8J	8.6J	mg/l	NC	14
General Chemistry - Westborough Lab Associated sample(s): 06-15 QC Batch ID: WG1871102-3 QC Sample: L2376103-06 Client ID: PUMP 16 IP-1-30					
Sulfate	8.8J	8.9J	mg/l	NC	14
General Chemistry - Westborough Lab Associated sample(s): 03-10 QC Batch ID: WG1872076-3 QC Sample: L2376103-03 Client ID: PUMP 13 IP-0 TRIAL					
Chloride	16.	16	mg/l	0	7
General Chemistry - Westborough Lab Associated sample(s): 20-24 QC Batch ID: WG1872775-3 QC Sample: L2400800-01 Client ID: DUP Sample					
Fluoride	1.1	1.1	mg/l	0	13
General Chemistry - Westborough Lab Associated sample(s): 16-24 QC Batch ID: WG1872926-3 QC Sample: L2376103-16 Client ID: PUMP 26 IP-6-30					
Sulfate	9.5J	8.5J	mg/l	NC	14
General Chemistry - Westborough Lab Associated sample(s): 11-24 QC Batch ID: WG1873365-3 QC Sample: L2376103-11 Client ID: PUMP 21 IP-4-0					
Chloride	17.	16	mg/l	6	7
General Chemistry - Westborough Lab Associated sample(s): 01-15 QC Batch ID: WG1874103-3 QC Sample: L2376103-15 Client ID: PUMP 25 IP-6-0					
Fluoride	0.13J	0.13J	mg/l	NC	13

## Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS

**Project Number:** 24711.001

**Lab Number:** L2376103

**Report Date:** 01/31/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 16-19 QC Batch ID: WG1874290-3 QC Sample: L2401547-01 Client ID: DUP Sample					
Fluoride	0.29	0.25	mg/l	15	Q 13

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent
F	Absent
G	Absent
H	Absent
I	Absent
J	Absent
K	Absent
L	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-01A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-01B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-01C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-01D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-01E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-01F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-01G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-01H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-01I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-01J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-01K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-01L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2376103-01M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-01N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-01O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-01P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-02A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-02B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-02C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-02D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-02E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-02F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-02G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-02H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-02I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-02J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-02K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-02L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-02M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-02N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-02O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-02P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-03A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-03B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-03C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-03D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-03E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-03F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-03G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-03H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-03I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-03J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-03K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-03L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376103-03M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-03N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-03O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-03P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-04A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-04B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-04C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-04D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-04E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-04F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-04G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-04H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-04I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-04J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-04K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376103-04L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2376103-04M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-04N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-04O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-04P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-05A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-05B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-05C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-05D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-05E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-05F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-05G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-05H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-05I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-05J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-05K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-05L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2376103-05M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-05N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-05O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-05P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-06A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-06B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-06C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-06D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-06E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-06F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-06G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-06H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-06I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-06J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-06K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-06L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-06M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-06N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-06O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-06P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-07A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-07B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-07C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-07D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-07E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-07F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-07G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-07H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-07I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-07J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-07K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376103-07L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2376103-07M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-07N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-07O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-07P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-08A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-08B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-08C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-08D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-08E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-08F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-08G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-08H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-08I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-08J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-08K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-08L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2376103-08M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-08N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-08O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-08P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-09A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-09B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-09C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-09D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-09E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-09F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-09G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-09H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-09I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-09J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-09K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-09L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-09M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-09N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-09O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-09P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-10A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-10B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-10C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-10D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-10E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-10F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-10G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-10H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-10I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-10J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-10K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376103-10L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2376103-10M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-10N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-10O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-10P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-11A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-11B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-11C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-11D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-11E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-11F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-11G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-11H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-11I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-11J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-11K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-11L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2376103-11M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-11N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-11O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-11P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-12A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-12B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-12C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-12D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-12E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-12F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-12G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-12H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-12I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-12J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-12K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-12L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376103-12M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-12N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-12O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-12P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-13A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-13B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-13C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-13D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-13E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-13F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-13G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-13H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-13I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-13J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-13K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-13L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2376103-13M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-13N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-13O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-13P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-14A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-14B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-14C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-14D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-14E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-14F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-14G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-14H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-14I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-14J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-14K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-14L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-14M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-14N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-14O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-14P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-15A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-15B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-15C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-15D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-15E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-15F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-15G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-15H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-15I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-15J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-15K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-15L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-15M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-15N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-15O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-15P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-16A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-16B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-16C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-16D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-16E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-16F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-16G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-16H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-16I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-16J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-16K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-16L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2376103-16M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-16N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-16O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-16P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-17A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-17B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-17C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-17D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-17E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-17F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-17G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-17H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-17I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-17J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-17K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-17L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2376103-17M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-17N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-17O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-17P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-18A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-18B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-18C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-18D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-18E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-18F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-18G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-18H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-18I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-18J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-18K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-18L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180)
L2376103-18M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-18N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-18O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-18P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-19A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-19B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-19C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-19D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-19E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-19F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-19G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-19H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-19I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-19J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-19K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376103-19L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2376103-19M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-19N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-19O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-19P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-20A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-20B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-20C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-20D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-20E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-20F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-20G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-20H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-20I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-20J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-20K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-20L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		SE-6020T(180),TL-6020T(180),FE-6020T(180),BA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2376103-20M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-20N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-20O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-20P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-21A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-21B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-21C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-21D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-21E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-21F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-21G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-21H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-21I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-21J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-21K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-21L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),ZN-6020T(180),NA-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2376103-21M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-21N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-21O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-21P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-22A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-22B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-22C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-22D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-22E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-22F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-22G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-22H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-22I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-22J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-22K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Serial\_No:**01312417:59  
**Lab Number:** L2376103  
**Report Date:** 01/31/24

**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2376103-22L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376103-22M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-22N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-22O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-22P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-23A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-23B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-23C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-23D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-23E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-23F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-23G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-23H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-23I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-23J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-23K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-23L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2376103-23M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-23N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-23O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-23P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-24A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-24B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS**Lab Number:** L2376103**Project Number:** 24711.001**Report Date:** 01/31/24**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2376103-24C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2376103-24D	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-24E	Vial H2SO4 preserved	A	NA		4.4	Y	Absent		TOC-5310(28)
L2376103-24F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-24G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2376103-24H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-24I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2376103-24J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-24K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2376103-24L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180)
L2376103-24M	Plastic 500ml unpreserved	A	7	7	4.4	Y	Absent		SO4-4500(28),F-4500(28),CL-4500(28)
L2376103-24N	Plastic 950ml unpreserved	A	7	7	4.4	Y	Absent		TSS-2540(7)
L2376103-24O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)
L2376103-24P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Absent		A2-PCBCONG-8270-NOAA(7)

**Container Comments**

L2376103-05P Sample was found shattered in fridge - EJD



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

## GLOSSARY

### Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)  Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Chlordane:** The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Gasoline Range Organics (GRO):** Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
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**Lab Number:** L2376103  
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#### Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** CHAMPLAIN HUDSON POWER EXPRESS  
**Project Number:** 24711.001

**Lab Number:** L2376103  
**Report Date:** 01/31/24

## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 105 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997 in conjunction with NOAA Technical Memorandum NMFS-NWFSC-59: Extraction, Cleanup and GC/MS Analysis of Sediments and Tissues for Organic Contaminants, March 2004 and the Determination of Pesticides and PCBs in Water and Oil/Sediment by GC/MS: Method 680, EPA 01A0005295, November 1985.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625.1:** alpha-Terpineol

**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

**SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).

**Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1** Hg.

**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

# CHAIN OF CUSTODY

PAGE 1 OF 3

Date Rec'd in Lab: 12/27/23 ALPHA Job #: L2376103



WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3268

### Project Information

Project Name: Champlain Hudson Power Express

Project Location: Hudson River

Project #: 24711.001

Project Manager: Mike Taylor

ALPHA Quote #: Q19745\_R3\_FINAL

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: Time:

### Report Information - Data Deliverables

FAX  EMAIL (PDF/EDD)

ADEx  Add'l Deliverables

### Billing Information

Same as Client info PO #:

### Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other

### Client Information

Client: Normandeau Associates

Address: 25 Nashua Road

Bedford, NH 03110

Phone: 603-319-5013

Fax:

Email: mtaylor@normandeau.com

These samples have been previously analyzed by Alpha

### Other Project Specific Requirements/Comments/Detection Limits:

Hudson River - CHPE TSS Trials - PUMP CHEM

Total Metals: Ag, As, Ba, Be, Cd, Cr, Fe, Hg, Mn, Na, Sb, Se, Ti, Zn  
(EPA 6020B, Hg by EPA 7470A)

ANALYSIS										SAMPLE HANDLING		TOTAL # BOTTLES
NYTCL-8081	NYTCL-8270-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8260	TOC			Filtration	
											<input type="checkbox"/> Done	
											<input type="checkbox"/> Not needed	
											<input checked="" type="checkbox"/> Lab to do	
											<input type="checkbox"/> Lab to do	
											(Please specify below)	
											Sample Specific Comments	

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			NYTCL-8081	NYTCL-8270-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8260	TOC			
76103-01	Pump 11/IP-0 Pre Trial	12/23/23	0800	L	DJN	2	2	2	2	1	1	1	3	2	Lab Filter	16	
-02	Pump 12 IP-30 Pre		0830														
-03	Pump 13 IP-0 Trial		0900														
-04	Pump 14 IP-30		0930														
-05	Pump 15 IP-1-0		1000														
-06	Pump 16 IP-1-30		1030														
-07	Pump 17 IP-2-0		1100														
-08	Pump 18 IP-2-30		1130														
-09	Pump 19 IP-3-0		1200														
-10	Pump 20 IP-3-30		1230														

Container Type	A	A	A	A	P	P	P	P	V	V
Preservative	A	A	A	A	A	A	A	C	B	D

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By: *[Signature]* Date/Time: 12/26/23 18:30  
 Received By: *[Signature]* Date/Time: 12/26/23 19:40  
**Manuel Sánchez** DEC 26 2023

*[Signature]* 12/27 01:18 *[Signature]* SAL 12/26 20:00  
*[Signature]* CMT 12/27/23 0:15

# CHAIN OF CUSTODY

PAGE 2 OF 3



WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3288

### Client Information

Client: Normandeau Associates

Address: 25 Nashua Road

Bedford, NH 03110

Phone: 603-319-5013

Fax:

Email: mtaylor@normandeau.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Hudson River - CHPE TSS Trials - PUMP CHEM

Total Metals: Ag, As, Ba, Be, Cd, Cr, Fe, Hg, Mn, Na, Sb, Se, Ti, Zn  
(EPA 6020B, Hg by EPA 7470A)

### Project Information

Project Name: Champlain Hudson Power Express

Project Location: Hudson River

Project #: 24711.001

Project Manager: Mike Taylor

ALPHA Quote #: Q19745\_R3\_FINAL

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: Time:

Date Rec'd in Lab: 12/27/23

ALPHA Job #: L2376103

### Report Information - Data Deliverables

FAX  EMAIL (PDF/EDD)  
 ADEx  Add'l Deliverables

### Billing Information

Same as Client info PO #:

### Regulatory Requirements/Report Limits

State /Fed Program Criteria  
Other

ANALYSIS		SAMPLE HANDLING										TOTAL # BOTTLES
NYTCL-9081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8280	TOC	Filtration _____		
											<input type="checkbox"/> Done	16
											<input type="checkbox"/> Not needed	
											<input checked="" type="checkbox"/> Lab to do	
											Preservation	
											<input type="checkbox"/> Lab to do	
											(Please specify below)	
											Sample Specific Comments	
											Lab Filter	

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sampler Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	TOTAL # BOTTLES
		Date	Time			NYTCL-9081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8280	TOC		
76103-11	Pump 21 IP- 4-0	12/23/23	1300	L	DJN	2	2	2	2	1	1	1	3	2		Lab Filter	16
-12	Pump 22 IP- 4-30		1330														
-13	Pump 23 IP- 5-0		1400														
-14	Pump 24 IP- 5-30		1430														
-15	Pump 25 IP- 6-0		1500														
-16	Pump 26 IP- 6-30		1530														
-17	Pump 27 IP- 7-0		1600														
-18	Pump 28 IP- 7-30		1630														
-19	Pump 29 IP- 8-0		1700														
-20	Pump 30 IP- 0-Post		1720														

Container Type	A	A	A	A	P	P	P	P	V	V
Preservative	A	A	A	A	A	A	A	C	B	D

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Manuel Sanchez</i>	12/26/23 18:30	<i>Manuel Sanchez</i>	12/26/23 12:50
<b>Manuel Sanchez</b>	DEC 26 2023	<b>Manuel Sanchez</b>	DEC 26 2023

# CHAIN OF CUSTODY

PAGE 3 OF 3



WESTBORO, MA  
TEL: 508-898-9220  
FAX: 508-898-9193

MANSFIELD, MA  
TEL: 508-822-9300  
FAX: 508-822-3268

### Project Information

Project Name: Champlain Hudson Power Express  
Project Location: Hudson River  
Project #: 24711.001  
Project Manager: Mike Taylor  
ALPHA Quote #: Q19745\_R3\_FINAL

Date Rec'd in Lab: 12/27/23

ALPHA Job #: L2IT6103

### Report Information - Data Deliverables

FAX  EMAIL (PDF/EDD)  
 ADEx  Add'l Deliverables

### Billing Information

Same as Client info PO #:

### Client Information

Client: Normandeau Associates

Address: 25 Nashua Road

Bedford, NH 03110

Phone: 603-319-5013

Fax:

Email: mtaylor@normandeau.com

These samples have been previously analyzed by Alpha

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)

Date Due: Time:

### Regulatory Requirements/Report Limits

State /Fed Program Criteria  
Other

### Other Project Specific Requirements/Comments/Detection Limits:

Hudson River - CHPE TSS Trials - PUMP CHEM

Total Metals: Ag, As, Ba, Be, Cd, Cr, Fe, Hg, Mn, Na, Sb, Se, Ti, Zn  
(EPA 6020B, Hg by EPA 7470A)

ANALYSIS										SAMPLE HANDLING		TOTAL # BOTTLES
NYTCL-8081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8280	TOC	Filtration	Preservation	
										<input type="checkbox"/> Done	<input type="checkbox"/> Lab to do	
										<input type="checkbox"/> Not needed	<input type="checkbox"/> Lab to do	
										<input checked="" type="checkbox"/> Lab to do	<input type="checkbox"/> Lab to do	
										(Please specify below)		
										Sample Specific Comments		

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										TOTAL # BOTTLES
		Date	Time			NYTCL-8081	NYTCL-8270-LVI	NYTCL-8270-SIM-LVI	A2-14-DIOXANESIM-PPB	A2-PCB-CONG-8270-NOAA	SO4 CLF	TSS SM 2540	Total Hg Total Metals	NYTCL-8280	TOC	
<u>76103-21</u>	<u>Pump 31 IP-30 Post</u>	<u>12/22/23</u>	<u>1750</u>	<u>L</u>	<u>DJN</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>Lab Filter</u>	<u>16</u>
<u>-22</u>	<u>Pump 32 IP-1-0 Post</u>	<u>↓</u>	<u>1820</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>		<u>↓</u>
<u>-23</u>	<u>Pump 33 IP-1-30 Post</u>	<u>↓</u>	<u>1850</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>		<u>↓</u>
<u>-24</u>	<u>Pump 34 IP-2-0 Post</u>	<u>↓</u>	<u>1920</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>	<u>↓</u>		<u>↓</u>

Container Type	A	A	A	A	P	P	P	P	V	V
Preservative	A	A	A	A	A	A	A	C	B	D

Relinquished By: Manuel Sanchez Date/Time: 12/26/23 12:40  
 Received By: Manuel Sanchez Date/Time: DEC 26 2023 19:15  
Manuel Sanchez DEC 26 2023

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